

PERMACON



2025

Landscape Product Data Guide
Ontario

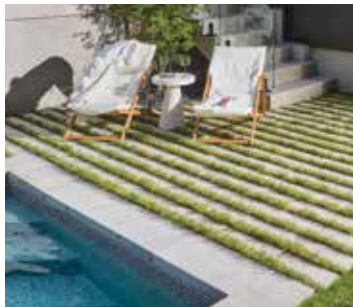


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Do not use vibrating plate



Pedestrian - Designed to withstand pedestrian traffic



Vehicular - Designed to withstand car traffic



Permeable - Designed to allow runoff to pass through



Roof-Top - Designed to be installed on pedestals



Not in Inventory - Special order only



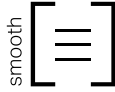
Alternative Landscaping


04 Artex Panel System

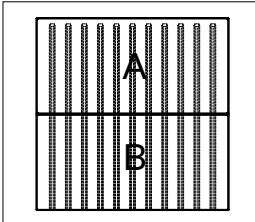
10 Orion Firepit


Artex Panel System®

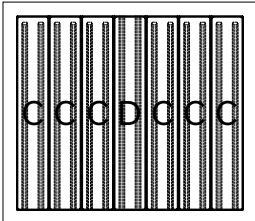
Resources and Inspiration
Download the ARTEX Idea Book and discover a multitude of great ideas!




| Panel 18 x 36 in. | Dimensions mm | Dimensions in. |
|-----------------------------------------------------------------------------------|---------------------|---------------------|
|  | 76 x 457 x 914 | 3 x 18 x 36 |
| Weight/unit | 68 kg | 151 lb |
| Area/layer | 0.84 m ² | 9.0 ft ² |
| Area/cube | 7.52 m ² | 81 ft ² |
| Qty/cube | 18 units | 9 Rows |
| Length/cube | 16.46 lin. m | 54 lin. ft |
| Weight/cube | 1230 kg | 2711 lb |

| Code | Colour | Typical Row |
|------------------------------|---------------------|-------------------------------------------------------------------------------------|
| 16253301 | Range Scandina Grey |  |
| 16253446 | Range Shaded Grey | |
| 16253451 | Range Amber Beige | |
| Sold by layer | | |
| Split charges apply | | |
| Can be double stacked | | |
| Production location Metcalfe | | |


| Capping 6 x 36 in. | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|---------------------|-----------------------|
|  | 76 x 152 x 914 | 3 x 6 x 36 |
| Weight/unit | 24 kg | 52 lb |
| Area/layer | 0.98 m ² | 10.5 ft ² |
| Area/cube | 2.93 m ² | 31.50 ft ² |
| Qty/cube | 21 units | 3 Rows |
| Length/cube | 19.20 lin. m | 63 lin. ft |
| Weight/cube | 497 kg | 1095 lb |

| Code | Colour | Typical Row |
|------------------------------|---------------------|---------------------------------------------------------------------------------------|
| 16253444 | Range Scandina Grey |  |
| 16253443 | Range Shaded Grey | |
| 16253442 | Range Amber Beige | |
| 16253441 | Rockland Black | |
| Sold by layer | | |
| Split charges apply | | |
| Can be double stacked | | |
| Production location Metcalfe | | |


Artex™ Hardware

| Anchor Slide | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|---------------|----------------|
|  | 33 x 25 x 51 | 1 1/4 x 1 x 2 |
| Qty per box | 100 units | 100 units |


| Code | Colour |
|-------------|-----------------|
| 204000304 | Stainless Steel |
| Sold by box | |

| Outer Corner | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|----------------|----------------|
|  | 63 x 101 x 101 | 2 1/2 x 4 x 4 |
| Qty per box | 48 units | 48 units |


| Code | Colour |
|-------------|-----------------|
| 204000303 | Stainless Steel |
| Sold by box | |

| Inner Corner | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|----------------|----------------|
|  | 63 x 155 x 232 | 2 1/2 x 6 x 9 |
| Qty per box | 24 units | 24 units |

| Code | Colour |
|-------------|-----------------|
| 204000301 | Stainless Steel |
| Sold by box | |

| Joining Plate | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|---------------|-----------------------|
|  | 63 x 38 x 209 | 2 1/2 x 1 1/2 x 8 1/4 |
| Qty per box | 40 units | 40 units |

| Code | Colour |
|-------------|-----------------|
| 204000300 | Stainless Steel |
| Sold by box | |

| Stretcher Bar | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|---------------|--------------------|
|  | 33 x 25 x 933 | 1 1/4 x 1 x 36 3/4 |
| Qty per box | 10 units | 10 units |

| Code | Colour |
|-------------|-----------------|
| 204000302 | Stainless Steel |
| Sold by box | |



Bench and Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 3 |
| 18 x 36 panel | ACCORDING TO COLOUR | 3 |
| Anchor Slide | 204000304 | 32 |
| Joining plate | 204000300 | 4 |
| Outer corner | 204000303 | 12 |

Corner Bench and Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 8 |
| 18 x 36 panel | ACCORDING TO COLOUR | 8 |
| Anchor Slide | 204000304 | 74 |
| Joining plate | 204000300 | 16 |
| Outer corner | 204000303 | 20 |
| Stretcher bar | 204000302 | 1 |

Bench and Vertical Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 11 |
| Anchor Slide | 204000304 | 66 |
| Joining plate | 204000300 | 16 |
| Outer corner | 204000303 | 16 |
| Stretcher bar | 204000302 | 1 |

Small BBQ*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 5 |
| 18 x 36 panel | ACCORDING TO COLOUR | 3 |
| 6 x 36 panel | ACCORDING TO COLOUR | 2 |
| Anchor Slide | 204000304 | 36 |
| Joining plate | 204000300 | 10 |
| Outer corner | 204000303 | 8 |

Medium BBQ*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 6 |
| 18 x 36 panel | ACCORDING TO COLOUR | 4 |
| Anchor Slide | 204000304 | 36 |
| Joining plate | 204000300 | 10 |
| Outer corner | 204000303 | 8 |

Long BBQ*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 6 |
| 18 x 36 panel | ACCORDING TO COLOUR | 6 |
| Anchor Slide | 204000304 | 44 |
| Joining plate | 204000300 | 14 |
| Outer corner | 204000303 | 8 |

* All accessories such as BBQ, wood, burner tray and all other accessories are not included.
IMPORTANT: Please note that kits are not sold assembled. The distributor will take care of preparation.



L-shape BBQ*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 7 |
| 18 x 36 panel | ACCORDING TO COLOUR | 11 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 1 |
| Anchor Slide | 204000304 | 72 |
| Joining plate | 204000300 | 24 |
| Outer corner | 204000303 | 10 |
| Inner corner | 204000301 | 2 |

Corner BBQ and Pizza Grill*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 8 |
| 18 x 36 panel | ACCORDING TO COLOUR | 18 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 1 |
| Anchor Slide | 204000304 | 106 |
| Joining plate | 204000300 | 28 |
| Outer corner | 204000303 | 21 |
| Inner corner | 204000301 | 4 |

BBQ with Luxury Counter and Bar*



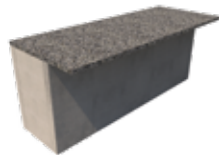
| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 9 |
| 18 x 36 panel | ACCORDING TO COLOUR | 22 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 5 |
| 6 x 36 panel | ACCORDING TO COLOUR | 5 |
| Anchor Slide | 204000304 | 146 |
| Joining plate | 204000300 | 52 |
| Outer corner | 204000303 | 22 |
| Inner corner | 204000301 | 6 |

Counter and Bar*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 8 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 3 |
| Anchor Slide | 204000304 | 76 |
| Joining plate | 204000300 | 34 |
| Outer corner | 204000303 | 4 |

Large Counter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 8 |
| Anchor Slide | 204000304 | 48 |
| Joining plate | 204000300 | 16 |
| Outer corner | 204000303 | 8 |

Luxury Counter and Bar*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 6 |
| 18 x 36 panel | ACCORDING TO COLOUR | 11 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 5 |
| Anchor Slide | 204000304 | 108 |
| Joining plate | 204000300 | 42 |
| Outer corner | 204000303 | 12 |

* All accessories such as BBQ, wood, burner tray and all other accessories are not included.
IMPORTANT: Please note that kits are not sold assembled. The distributor will take care of preparation.



Recessed Wood Fire Pit*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| Anchor Slide | 204000304 | 16 |
| Outer corner | 204000303 | 8 |

Recessed Gas Fire Pit*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| Anchor Slide | 204000304 | 16 |
| Outer corner | 204000303 | 8 |

Gas Fire Pit*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| Anchor Slide | 204000304 | 16 |
| Outer corner | 204000303 | 8 |

Recessed Rectangular Gas Fire Pit*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 3 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 2 |
| Anchor Slide | 204000304 | 48 |
| Joining plate | 204000300 | 8 |
| Outer corner | 204000303 | 16 |

Rectangular Gas Fire Pit*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 3 |
| Anchor Slide | 204000304 | 48 |
| Joining plate | 204000300 | 8 |
| Outer corner | 204000303 | 16 |

Square Planter*



| Description | Code | Quantity |
|-----------------------|---------------------|----------|
| 18 x 36 panel | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| Anchor Slide | 204000304 | 40 |
| Joining plate | 204000300 | 6 |
| Outer corner | 204000303 | 8 |

Rectangular Planter*



| Description | Code | Quantity |
|-----------------------|---------------------|----------|
| 18 x 36 panel | ACCORDING TO COLOUR | 6 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 2 |
| Anchor Slide | 204000304 | 56 |
| Joining plate | 204000300 | 14 |
| Outer corner | 204000303 | 8 |

* All accessories such as BBQ, wood, burner tray and all other accessories are not included.
IMPORTANT: Please note that kits are not sold assembled. The distributor will take care of preparation.



Vertical Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 6 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 2 |
| Anchor Slide | 204000304 | 62 |
| Joining plate | 204000300 | 12 |
| Outer corner | 204000303 | 18 |
| Stretcher bar | 204000302 | 1 |

Privacy Wall with Bench*



| Description | Code | Quantity |
|---------------|---------------------|----------|
| 18 x 36 panel | ACCORDING TO COLOUR | 6 |
| Anchor Slide | 204000304 | 28 |
| Joining plate | 204000300 | 2 |
| Outer corner | 204000303 | 8 |
| Stretcher bar | 204000302 | 2 |

Privacy Wall with Planter*



| Description | Code | Quantity |
|-----------------------|---------------------|----------|
| 18 x 36 panel | ACCORDING TO COLOUR | 6 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 2 |
| Anchor Slide | 204000304 | 43 |
| Joining plate | 204000300 | 24 |
| Outer corner | 204000303 | 4 |

Privacy Wall with Vertical Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 2 |
| 18 x 36 panel | ACCORDING TO COLOUR | 8 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 3 |
| 6 x 36 panel | ACCORDING TO COLOUR | 3 |
| Anchor Slide | 204000304 | 66 |
| Joining plate | 204000300 | 12 |
| Outer corner | 204000303 | 20 |
| Stretcher bar | 204000302 | 1 |

Raised Garden*



| Description | Code | Quantity |
|-----------------------|---------------------|----------|
| 18 x 36 panel | ACCORDING TO COLOUR | 10 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 6 |
| Anchor Slide | 204000304 | 54 |
| Joining plate | 204000300 | 18 |
| Outer corner | 204000303 | 8 |
| Stretcher bar | 204000302 | 1 |

* All accessories such as BBQ, wood, burner tray and all other accessories are not included.
IMPORTANT: Please note that kits are not sold assembled. The distributor will take care of preparation.



Corner Multilevel Raised Garden*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 15 |
| 18 x 36 panel | ACCORDING TO COLOUR | 20 |
| Anchor Slide | 204000304 | 153 |
| Joining plate | 204000300 | 46 |
| Outer corner | 204000303 | 20 |
| Inner corner | 204000301 | 4 |
| Stretcher bar | 204000302 | 7 |

Multilevel Raised Garden*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 22 |
| 18 x 36 panel | ACCORDING TO COLOUR | 18 |
| Anchor Slide | 204000304 | 168 |
| Joining plate | 204000300 | 48 |
| Outer corner | 204000303 | 32 |
| Stretcher bar | 204000302 | 2 |

Fireplace with Bench and Wood Pergola*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 16 |
| 18 x 36 panel | ACCORDING TO COLOUR | 34 |
| Anchor Slide | 204000304 | 210 |
| Joining plate | 204000300 | 54 |
| Outer corner | 204000303 | 44 |
| Inner corner | 204000301 | 4 |
| Stretcher bar | 204000302 | 2 |

L-shape Bench with Vertical Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 20 |
| Anchor Slide | 204000304 | 116 |
| Joining plate | 204000300 | 40 |
| Outer corner | 204000303 | 14 |
| Inner corner | 204000301 | 2 |
| Stretcher bar | 204000302 | 1 |

BBQ with Bench and Vertical Planter*



| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 6 |
| 18 x 36 panel | ACCORDING TO COLOUR | 19 |
| 6 x 36 panel | ACCORDING TO COLOUR | 8 |
| Anchor Slide | 204000304 | 132 |
| Joining plate | 204000300 | 22 |
| Outer corner | 204000303 | 44 |

High Top Gas Firepit*



Propane option

| Description | Code | Quantity |
|------------------------|---------------------|----------|
| 18 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 18 x 36 panel | ACCORDING TO COLOUR | 6 |
| 6 x 36 panel - closed | ACCORDING TO COLOUR | 4 |
| 6 x 36 panel | ACCORDING TO COLOUR | 2 |
| Anchor Slide | 204000304 | 60 |
| Joining plate | 204000300 | 26 |
| Outer corner | 204000303 | 4 |

* All accessories such as BBQ, wood, burner tray and all other accessories are not included.
 IMPORTANT: Please note that kits are not sold assembled. The distributor will take care of preparation.

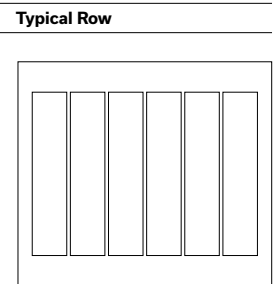
Orion Firepit



| | Dimensions mm | Dimensions in. |
|--------------------|----------------------------------|-----------------------------|
| | 540 x 1016 x 1016 | 21 3/16 x 40 x 40 |
| Weight/unit (avg.) | 68 kg | 151 lb |
| Area/layer | 0.88 m ² | 9.45 ft ² |
| Area/cube | 1.76 m² 2 Rows | 18.90 ft² |
| Length/cube | 9.76 lin. m | 32 lin. ft |
| Weight/cube | 820 kg | 1807 lb |

| Code | Colour |
|-----------|---------------------|
| 12051111 | Range Amber Beige |
| 12051110 | Range Scandina Grey |
| 205500004 | Spark Arrestor |

Sold by kit including 12 Orion wall units and one metal insert
Spark Arrestor sold separately
Production location St-Eustache



TECHNICAL INFORMATION

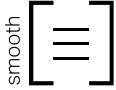
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Orion Firepit | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |



Slabs

- 12 **Cassara Large Rectangle**
- 13 **City**
- 14 **Esbelto**
- 14 **Esbelto DuraFusion**
- 15 **Mega Melville**
- 16 **Melia DuraFusion *New***
- 17 **Melia 18 x 36 DuraFusion *New***
- 18 **Melia 6 x 6 DuraFusion *New***
- 19 **Melville 24 x 24**
- 20 **Melville 60**
- 20 **Melville 60 DuraFusion**
- 21 **Melville 60 Small Rectangle**
- 22 **Metrik**
- 23 **Mondrian Plus 60**
- 24 **Mondrian Plus 60 Small Rectangle**
- 25 **Patio Brick Embossed**
- 26 **Patio Sidewalk**
- 27 **Rosebel**
- 28 **Vertex**
- 29 **Wilfrid**

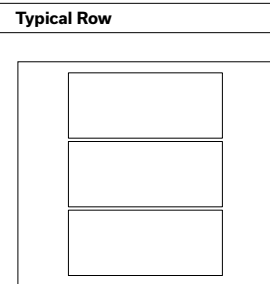
Cassara® Large Rectangle Slab



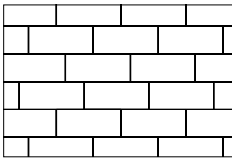
| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|-----------------------------|
| | 60 x 300 x 700 | 2 3/8 x 11 13/16 x 27 9/16 |
| Weight/unit | 29 kg | 64 lb |
| Area/unit | 0.21 m ² | 2.26 ft ² |
| Area/layer | 0.63 m ² | 6.78 ft ² |
| Area/cube | 7.56 m² | 81.36 ft² |
| Qty/cube | 36 units | 36 units |
| Weight/cube | 1073 kg | 2369 lb |

| Code | Colour |
|-----------------|------------------------|
| Prestige | |
| 10200759 | Range Scandinavia Grey |
| 10200651 | Range Amber Beige |
| 10200653 | Rockland Black |
| Standard | |
| 10200652 | Range Shaded Grey |

Sold in full cubes only
Production location Montreal



Laying Pattern



Linear

Techniseal 1 bag of sand covers approx. 103 ft²

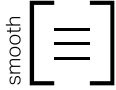
TECHNICAL INFORMATION


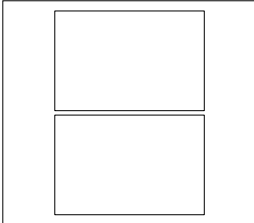
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Cassara Large Rectangle Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

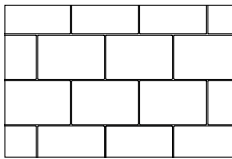
Cassara Large Rectangle Slabs are designed to be installed in a linear pattern with transversal joints staggered by at least 100 m. Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

City Slab

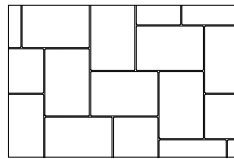


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|---------------------------|---------------------------|-------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|
|  | 60 x 500 x 750 | 2 3/8 x 19 11/16 x 29 1/2 | | Prestige |  |
| Weight/unit | 52 kg | 114 lb | 12051210 | Cameo Beige | |
| Area/unit | 0.38 m ² | 4.04 ft ² | | Standard | |
| Area/layer | 0.75 m ² | 8.07ft ² | 12059437 | Alpine Grey | |
| Area/cube | 9.00 m² | 12 Rows | 12059443 | Sterling Grey | |
| Qty/cube | 24 units | 24 units | Sold by layer Split charges apply Production location St-Eustache | | |
| Weight/cube | 1270 kg | 2800 lb | | | |


Laying Patterns



Linear



Herringbone

 1 bag of sand covers approx. 147 ft²

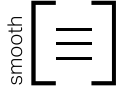
TECHNICAL INFORMATION


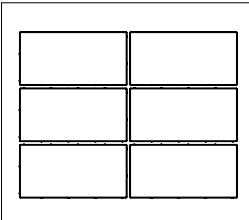
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| City Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation). This product can be installed on pedestals for a rooftop application. It can safely withstand a load of up to 300 kg.

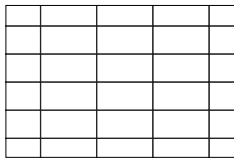
Esbelto[®] and Esbelto[®] DuraFusion Slabs



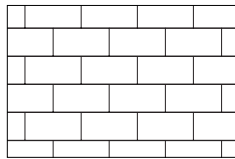
| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|----------------------------|-----------------------|-----------------|---------------------|-------------------------------------------------------------------------------------|
|  | 60 x 305 x 610 | 2 3/8 x 12 x 24 | | DuraFusion | |
| Weight/unit | 26 kg | 57 lb | 127001990 | Oasis - <i>RI</i> |  |
| Area/unit | 0.186 m ² | 2.00 ft ² | 12052376 | Marbella | |
| Area/layer | 1.11 m ² | 12.00 ft ² | 12052375 | Silverstone | |
| Area/cube | 11.10 m² | 10 Rows | 12052896 | Hickory | |
| Qty/cube | 60 units | 60 units | | Prestige | |
| Weight/cube | 1546 kg | 3409 lb | 12051114 | Range Amber Beige | |
| | | | 12051112 | Range Scandina Grey | |

Sold in full cubes only
Production DuraFusion: Metcalfe
Production Prestige: Milton

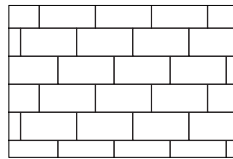
Laying Patterns



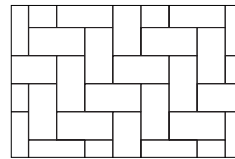
Checkerboard




Running Bond



Offset 1/3



Herringbone

 1 bag of sand covers approx. 165 ft²

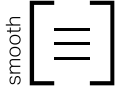
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Esbelto Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Mega Melville® Slab

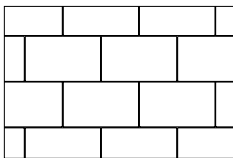


| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|--------------------------|
| | 60 x 570 x 950 | 2 3/8 x 22 7/16 x 37 3/8 |
| Weight/unit | 76 kg | 167 lb |
| Area/unit | 0.54 m ² | 5.83 ft ² |
| Area/layer | 1.08 m ² | 11.56 ft ² |
| Area/cube | 9.72 m² | 9 Rows |
| Qty/cube | 18 units | 18 units |
| Weight/cube | 1364 kg | 3007 lb |

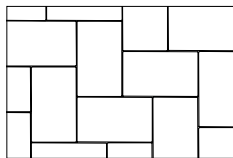
| Code | Colour | Typical Row |
|-----------------|-------------------------|-------------|
| Prestige | | |
| 127001794 | Range Amber Beige (1) | |
| 12052363 | Range Margaux Beige (2) | |
| 12052772 | Range Chambord Grey (2) | |
| 12052362 | Range Scandina Grey (1) | |
| 12052360 | Rockland Black (2) | |
| Standard | | |
| 12053565 | Range Shaded Grey (2) | |
| 12052366 | Range Newport Grey (2) | |

Sold in full cubes only
Production location:
Metcalfe (1)
Milton (2)

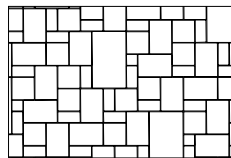
Laying Patterns



Linear



Herringbone



Modular
83% Melville 60
17% Mega Melville 60

1 bag of sand covers approx. 289 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Mega Melville Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

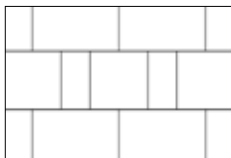
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

New Melia DuraFusion Slab

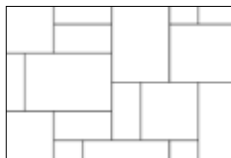


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|--|--------------------|----------------------------|-----------------------|------------------------------|-------------|--|
| | A | 60 x 226 x 457 | 2 3/8 x 9 x 18 | DuraFusion | | |
| | B | 60 x 457 x 457 | 2 3/8 x 18 x 18 | | | |
| | C | 60 x 457 x 686 | 2 3/8 x 18 x 27 | 127001900 | Oasis | |
| | Weight/unit (avg.) | 29 kg | 64 lb | 127001899 | Marbella | |
| | Area/unit (avg.) | 0.21 m ² | 2.25 ft ² | Sold in full cubes only | | |
| | Area/layer | 1.05 m ² | 11.25 ft ² | Production location Metcalfe | | |
| | Area/cube | 10.45 m² | 10 Rows | | | |
| | Qty/cube | A = 20 B = 10 C = 20 | | | | |
| | Weight/cube | 1460 kg | 3219 lb | | | |

Laying Patterns



Linear



Modular

1 bag of sand covers approx. 280 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melia DuraFusion Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches.

Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

New Melia 18 x 36 DuraFusion Slab



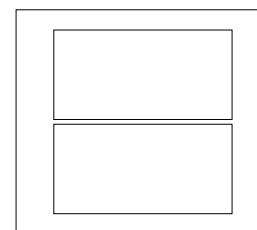
18 x 36



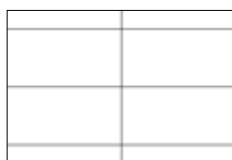
| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|------------------------------------|
| | 60 x 457 x 914 | 2 3/8 x 18 x 36 |
| Weight/unit | 58 kg | 129 lb |
| Area/unit | 0.37 m ² | 4.5 ft ² |
| Area/layer | 0.84 m ² | 9.0 ft ² |
| Area/cube | 8.36 m² | 10 Rows 90.0 ft² |
| Qty/cube | 20 units | 20 units |
| Weight/cube | 1167 kg | 2573 lb |

Code **Colour** **Typical Row**

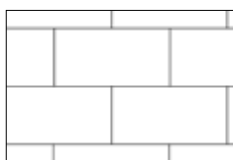
| DuraFusion | |
|---------------------------------------------------------|----------|
| 127002108 | Oasis |
| 127002109 | Marbella |
| Sold in full cubes only Production location Metcalfe | |



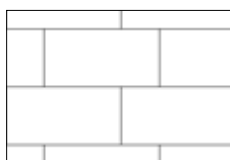
Laying Patterns



Checkerboard



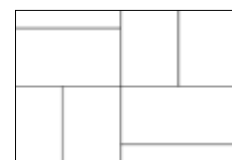
Running Bond



Offset 1/3



Herringbone



Parquet

1 bag of sand covers approx. 373 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melia 18 x 36 DuraFusion Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm


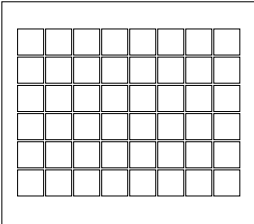



Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches.

Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

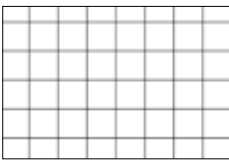
New

Melia 6 x 6 DuraFusion Paver

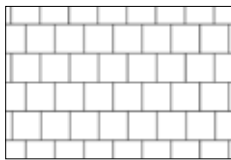


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|----------------------------|----------------------|------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | 60 x 152 x 152 | 2 3/8 x 6 x 6 | DuraFusion | |  |
| Weight/unit | 3 kg | 7 lb | 127002107 | Oasis  | |
| Area/unit | 0.02 m ² | 0.25 ft ² | 127002105 | Marbella  | |
| Area/layer | 1.11 m ² | 12.0 ft ² | 127002106 | Hickory  | |
| Area/cube | 11.15 m² | 10 Rows | 120.0 ft² | | |
| Qty/cube | 480 units | 480 units | Sold in full cubes only | | |
| Weight/cube | 1521 kg | 3354 lb | Production location Metcalfe | | |


Laying Patterns



Checkerboard



Running Bond

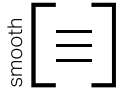
 1 bag of sand covers approx. 95 ft²


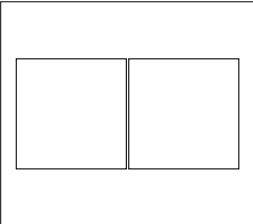
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melia 6 x 6 DuraFusion Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

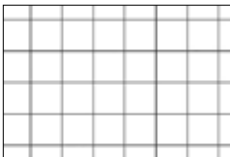
Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Melville® 24 x 24 Slab

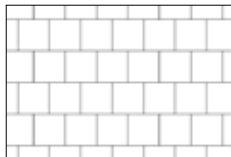


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|-----------------------------------------------------------------------------------|---------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|------------------------|
|  | 60 x 610 x 610 | 2 3/8 x 24 x 24 | | Prestige |  | |
| Weight/unit | 52 kg | 115 lb | 12051242 | Range Amber Beige (1) | | |
| Area/unit | 0.37 m ² | 4 ft ² | 127000956 | Range Scandina Grey (1) | | |
| Area/layer | 0.74 m ² | 8 ft ² | | Standard | | |
| Area/cube | 8.92 m² | 12 Rows | 96 ft² | 127000955 | | Range Newport Grey (2) |
| Qty/cube | 24 units | 24 units | | | | |
| Weight/cube | 1250 kg | 2756 lb | | | | |
| | | | Sold in full cubes only Can only be stacked 2 pallets high Production locations: Metcalfe (1) Milton (2) | | | |


Laying Patterns



Checkerboard



Offset 1/2

 1 bag of sand covers approx. 271 ft²

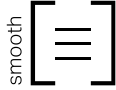
TECHNICAL INFORMATION



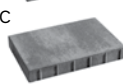




| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melville 24 x 24 Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

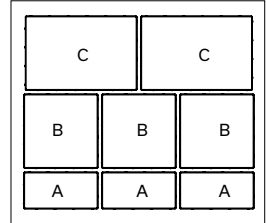
* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation). This product can be installed on pedestals for a rooftop application. It can safely withstand a load of up to 300 kg.

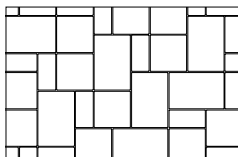
Melville® 60 and Melville® 60 DuraFusion Slabs



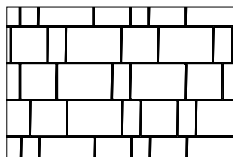
| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------|----------------------------|------------------------------|-------------|
|    | A | 60 x 190 x 380 | 2 3/8 x 7 1/2 x 15 | | |
| | B | 60 x 380 x 380 | 2 3/8 x 15 x 15 | | |
| | C | 60 x 380 x 570 | 2 3/8 x 15 x 22 7/16 | | |
| | Weight/unit (avg.) | 19 kg | 41 lb | | |
| | Unit/area (avg.) | 0.14 unit/m ² | 1.46 units/ft ² | | |
| | Area/layer | 1.08 m ² | 11.66 ft ² | | |
| | Area/cube | 10.80 m² | 10 Rows | 116.60 ft² | |
| | Qty/cube | 80 units | 80 units | | |
| | Weight/cube | 1500 kg | 3307 lb | | |
| DuraFusion | | | | | |
| | 127001987 | Oasis -  (1) | | | |
| | 12051953 | Marbella (1)  | | | |
| | 12051954 | Silverstone (1)  | | | |
| | 12051955 | Hickory (1)  | | | |
| Prestige | | | | | |
| | 12053046 | Range Amber Beige (1) | | | |
| | 12052734 | Range Margaux Beige (2) | | | |
| | 12052104 | Range Chambord Grey (2) | | | |
| | 12052365 | Range Scandina Grey (1) | | | |
| | 12052732 | Rockland Black (1) | | | |
| Standard | | | | | |
| | 12053045 | Range Shaded Grey (2) | | | |
| | 12052733 | Range Newport Grey (2) | | | |
| Sold in full cubes only Can be double stacked Production locations: Metcalfe (1) Milton (2) | | | | | |




Laying Patterns



Modular



Linear

 1 bag of sand covers approx. 155 ft²

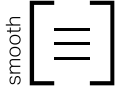
TECHNICAL INFORMATION


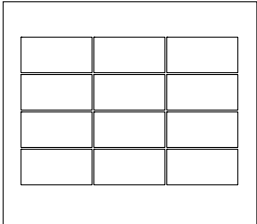
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melville 60 Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

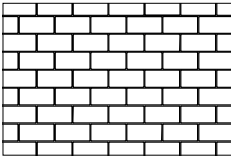
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Melville® 60 Small Rectangle Paver

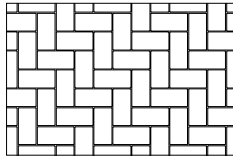


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------|
|  | 60 x 190 x 380 | 2 3/8 x 7 1/2 x 15 | | Prestige |  |
| Weight/unit | 10 kg | 22 lb | 12053044 | Range Amber Beige (1) | |
| Unit/area | 13.89 units/m ² | 1.29 units/ft ² | 12052446 | Rockland Black (2) | |
| Area/layer | 0.87 m ² | 9.33 ft ² | 12052448 | Range Scandina Grey (1) | |
| Area/cube | 10.44 m² | 12 Rows 111.96 ft² | | Standard | |
| Length/row | 4.57 lin. m | 15.00 lin. ft | 12053043 | Range Shaded Grey (2) | |
| Length/cube | 54.86 lin. m | 180.00 lin. ft | Sold in full cubes only | | |
| Qty/cube | 144 units | 144 units | Production locations: | | |
| Weight/cube | 1431 kg | 3154 lb | Metcalf (1) | | |
| | | | Milton (2) | | |


Laying Patterns



Linear



Herringbone

 1 bag of sand covers approx. 103 ft²

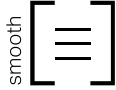
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melville 60 Small Rectangle Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

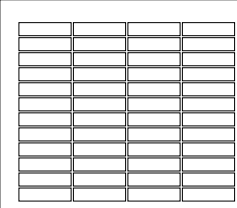
Sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. The Melville 60 Slab is compatible with the Melville 60 small rectangle paver for non-vehicular application only.

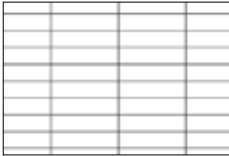
Metrik™ Slab



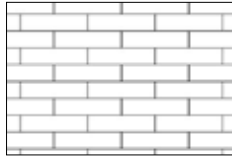
| | Dimensions mm | Dimensions in. |
|------------------|----------------------------|------------------------------|
| | 60 x 70 x 280 | 2 3/8 x 2 3/4 x 11 |
| Weight/unit | 3 kg | 6 lb |
| Area/unit | 0.02 m ² | 0.21 ft ² |
| Area/layer | 0.92 m ² | 9.95 ft ² |
| Area/cube | 11.09 m² | 12 Rows |
| | | 119.40 ft² |
| Qty/cube | 576 units | 576 units |
| Weight/cube | 1505 kg | 3319 lb |

| Code | Colour | Typical Row |
|----------------------------|---------------------|-------------------------------------------------------------------------------------|
| | Prestige | |
| 10502882 | Rockland Black | |
| 127000940 | Range Scandina Grey | |
| Sold in full cubes only | | |
| Can be double stacked | | |
| Production location Milton | | |
| | |  |

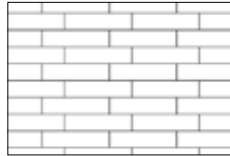
Laying Patterns



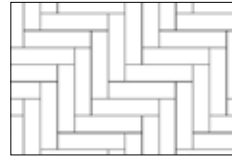
Checkerboard



Offset 1/2



Offset 1/3



Herringbone

1 bag of sand covers approx. 55 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Metrik Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

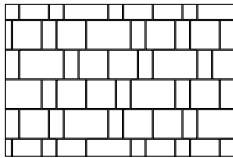
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Mondrian® Plus 60 Slab

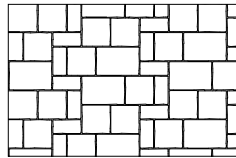


| | | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|---|--------------------|----------------------------|-----------------------|------------------------------|---------------------------------------------------------------------------------------------|--------------------|
| A | A | 60 x 165 x 330 | 2 3/8 x 6 1/2 x 13 | 12052893 | Range Margaux Beige | |
| | B | 60 x 330 x 330 | 2 3/8 x 13 x 13 | | | |
| B | C | 60 x 330 x 495 | 2 3/8 x 13 x 19 1/2 | 12052894 | Range Amboise Beige | |
| | Weight/unit (avg.) | 13 kg | 28 lb | 12052566 | Range Scandinavia Grey | |
| C | Area/unit | 0.11 m ² | 1.17 ft ² | Standard | | |
| | Area/layer | 0.98 m ² | 10.55 ft ² | 12052891 | Range Norvick Grey | |
| | Area/cube | 11.76 m² | 12 Rows | 126.60 ft² | 12052892 | Range Newport Grey |
| | Qty/cube | A = 48 | B = 48 | C = 24 | Sold in full cubes only Can only be stacked 3 pallets high Production location Bolton | |
| | Weight/cube | 1551 kg | 3419 lb | | | |

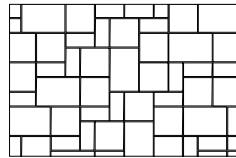
Laying Patterns



Linear
100% Mix A, B, C



Modular
100% Mix A, B, C



Modular
100% Mix A, B, C

1 bag of sand covers approx. 57 ft²

TECHNICAL INFORMATION


| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Mondrian Plus 60 Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

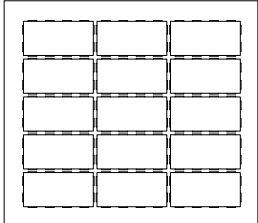
* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

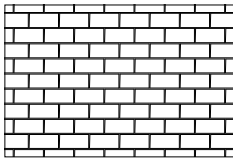
Mondrian® Plus 60 Small Rectangle Paver



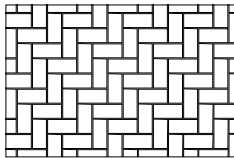
| | Dimensions mm | Dimensions in. |
|-----------------------------------------------------------------------------------|----------------------------|------------------------------|
|  | 60 x 330 x 165 | 2 3/8 x 13 x 6 1/2 |
| Weight/unit | 7 kg | 16 lb |
| Unit/area | 18.52 units/m ² | 1.71 units/ft ² |
| Area/layer | 0.82 m ² | 8.79 ft ² |
| Area/cube | 9.84 m² | 105.48 ft² |
| Length/row | 4.95 lin. m | 16.25 lin. ft |
| Length/cube | 59.43 lin. m | 195.00 lin. ft |
| Qty/cube | 180 units | 180 units |
| Weight/cube | 1283 kg | 2830 lb |

| Code | Colour | Typical Row |
|----------------------------|-----------------|-------------------------------------------------------------------------------------|
| | Prestige | |
| 12052557 | Rockland Black |  |
| Sold in full cubes only | | |
| Production location Bolton | | |


Laying Patterns



Linear



Herringbone

 1 bag of sand covers approx. 38 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Mondrian Plus 60 Small Rectangle Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches.
Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.
The Mondrian Plus 60 Slab is compatible with the Mondrian Plus 60 small rectangle paver for non-vehicular application only.

Patio Brick Embossed Slab

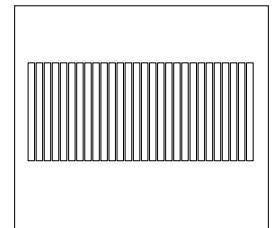


| | Dimensions mm | Dimensions in. |
|-------------|----------------|------------------------|
| | 40 x 600 x 600 | 1.57 x 23.62 x 23.62 |
| Weight/unit | 34 kg | 75 lb |
| Area/unit | - | 3.87 ft ² |
| Area/cube | - | 108.40 ft ² |
| Qty | - | 28 units |
| Weight | 957 kg | 2111 lb |

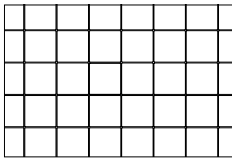
| Code | Colour |
|----------|---------|
| 12059056 | Natural |
| 12059057 | Red |

Sold in full cubes only
Production location Cambridge

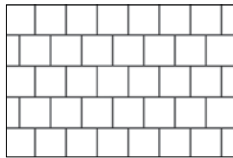
Typical Row



Laying Patterns



Square 100% 400 x 400



Offset Square 100% 400 x 400

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Patio Brick Embossed Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches.
Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Patio Sidewalk Slab



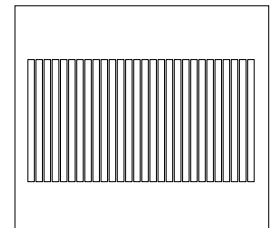
600 x 750



| | Dimensions mm | Dimensions in. |
|-------------|----------------|------------------------|
| | 40 x 750 x 600 | 1.57 x 29.53 x 23.62 |
| Weight/unit | 42 kg | 94 lb |
| Area/unit | - | 4.84 ft ² |
| Area/cube | - | 135.50 ft ² |
| Qty | - | 28 units |
| Weight | 1189 kg | 2622 lb |

| Code | Colour |
|-------------------------------|---------|
| 127001542 | Natural |
| Sold in full cubes only | |
| Production location Cambridge | |

Typical Row



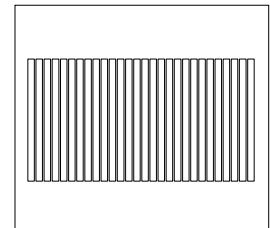
600 x 600



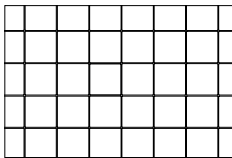
| | Dimensions mm | Dimensions in. |
|-------------|----------------|------------------------|
| | 40 x 600 x 600 | 1.57 x 23.62 x 23.62 |
| Weight/unit | 34 kg | 75 lb |
| Area/unit | - | 3.87 ft ² |
| Area/cube | - | 108.40 ft ² |
| Qty | 28 units | 28 units |
| Weight | 957 kg | 2111 lb |

| Code | Colour |
|-------------------------------|---------|
| 127001543 | Natural |
| Sold in full cubes only | |
| Production location Cambridge | |

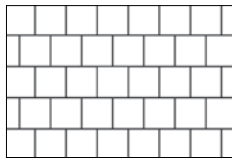
Typical Row



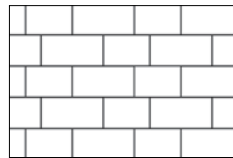
Laying Patterns



Square 100% 600 x 600



Offset Square 100% 600 x 600



Modified 40% 600 x 750
Running Bond 60% 600 x 600

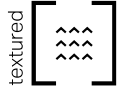
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Patio Sidewalk Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

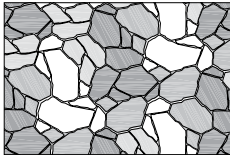
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

Rosebel® Slab



| | | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|---|--------------------|---------------------------|--------------------------|-----------------------------|----------------------------|-------------|--------------------|
| A | A | 60 x 389 x 560 | 2 3/8 x 15 5/16 x 22 | | Prestige | | |
| | B | 60 x 389 x 756 | 2 3/8 x 15 5/16 x 29 3/4 | 10200631 | Range Margaux Beige | | |
| B | Weight/unit (avg.) | 25 kg | 54 lb | 10200632 | Range Amboise Beige | | |
| | Area/unit (avg.) | 0.18 m ² | 1.98 ft ² | | Standard | | |
| | Area/layer | 0.73 m ² | 7.90 ft ² | 10200633 | Range Newport Grey | | |
| | Area/cube | 8.76 m² | 12 Rows | 94.80 ft² | 10200678 | | Range Norvick Grey |
| | Qty/cube | 48 units | 48 units | | Sold in full cubes only | | |
| | Weight/cube | 1180 kg | 2601 lb | | Production location Milton | | |

Laying Pattern



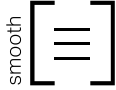
Techniseal® 1 bag of sand covers approx. 75 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Rosebel Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

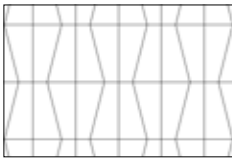
* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Vertex Slab



| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|------------------|---------------------------|-------------------------------|-----------------------------|------------------------|-------------|
| A | 60 x 200 and 302 x 610 | 2 3/8 x 7 7/8 and 11 7/8 x 24 | | Prestige | |
| Weight/unit | 39 kg | 85 lb | 127001178 | Range Amber Beige | |
| B | | | 127001179 | Range Scandinavia Grey | |
| Area/unit | 0.153 m ² | 1.65 ft ² | Sold in full cubes only | | |
| Area/layer | 1.22 m ² | 13.17 ft ² | Production location Quebec | | |
| Area/cube | 12.2 m² | 10 Rows | 131.7 ft² | | |
| Qty/cube | 80 units | | | | |
| Weight/cube | 1725 kg | 3803 lb | | | |

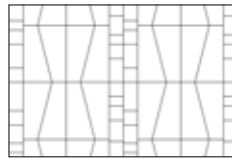
Laying Patterns



Stack Bond



Arrows



Lines of Capio Paver



Rows with Melville 24 x 24 Slab

1 bag of sand covers approx. 181 ft²

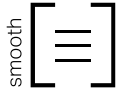
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Vertex Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

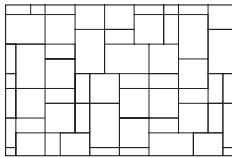
Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches.
Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Wilfrid Slab

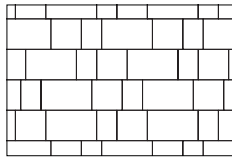


| | | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|---|--------------------|---------------------------|---------------------------|------------------------------|---------------------|-------------|
| A | A | 60 x 570 x 380 | 2 3/8 x 22 7/16 x 15 | | Prestige | |
| | B | 60 x 570 x 570 | 2 3/8 x 22 7/16 x 22 7/16 | 12051189 | Range Amber Beige | |
| B | C | 60 x 570 x 950 | 2 3/8 x 22 7/16 x 37 3/8 | 12051213 | Range Scandina Grey | |
| | Weight/unit (avg.) | 53 kg | 117 lb | | Standard | |
| C | Area/layer (avg.) | 1.05 m ² | 11.66 ft ² | 127000957 | Range Newport Grey | |
| | Area/cube | 9.72 m² | 9 Rows | 104.94 ft² | Sold in full cubes | |
| | Weight/cube | 1422 kg | 3150 lb | Production location Milton | | |

Laying Patterns



Modular



Linear

1 bag of sand covers approx. 244 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Wilfrid Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.






Pavers

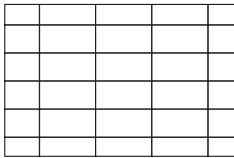
- 32 **Brooklyn**
- 33 **Capio**
- 34 **Cassara Large Rectangle**
- 35 **Cassara Verde**
- 36 **Eko**
- 37 **Esbelto DuraFusion**
- 38 **Kensington**
- 39 **Kensington Smooth**
- 40 **Mega Melville**
- 41 **Melville 80**
- 41 **Melville 80 DuraFusion**
- 42 **Melville 80 Small Rectangle**
- 43 **Melville Plank**
- 44 **Mondrian Plus 80**
- 45 **Mondrian Plus 80 Small Rectangle**
- 46 **Niagara 60 and 80**
- 47 **Trafalgar 60**
- 48 **Turfstone 100 and 80**
- 49 **Vendome 60 and 80**
- 50 **Virage**
- 51 **Zen**

Brooklyn Paver

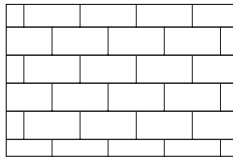


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------|---------------------------|-----------------------|------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  | 60 x 230 x 76 | 2 3/8 x 9 x 3 | | TrueColor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight/unit | 2.3 kg | 5.1 lb | 10151722 | Midnight | <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit/area | 0.02 m ² | 0.188 ft ² | 10150880 | Rosewood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Area/layer | 0.96 m ² | 10.3 ft ² | Sold in full cubes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Area/cube | 9.58 m² | 10 Rows | 103.13 ft² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Qty/cube | 550 units | 550 units | Production location Milton | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight/cube | 1272 kg | 2805 lb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

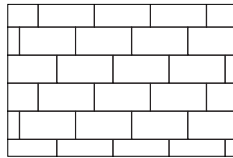
Laying Pattern



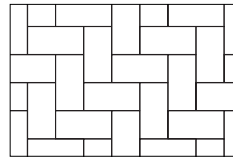
Checkerboard




Running Bond



Offset 1/3



Herringbone

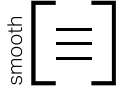
 1 bag of sand covers approx. 70 ft²


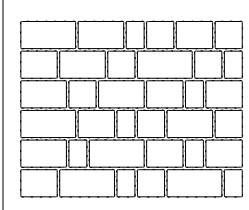




TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Brooklyn Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

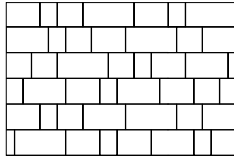
Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Capio Paver




| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-------------------------------------------------------------------------------------|-------------------|---------------------------|---------------------------|------------------------------------------|-------------------------------------------------------------------------------------|
| A  | A | 60 x 152 x 102 | | Prestige |  |
| | B | 60 x 152 x 152 | 2 3/8 x 6 x 6 | 127001183 Range Amber Beige | |
| B  | C | 60 x 152 x 203 | 2 3/8 x 6 x 8 | 127001181 Range Scandina Grey | |
| | D | 60 x 152 x 254 | 2 3/8 x 6 x 10 | 127001182 Rockland Black | |
| C  | E | 60 x 152 x 305 | 2 3/8 x 6 x 12 | Standard | |
| | Weight/unit | 4 kg | 9 lb | 127001983 Range Newport Grey - <i>99</i> | |
| D  | Unit/area (avg.) | 0.03 unit/m ² | 0.33 unit/ft ² | Sold in full cubes | |
| | Area/layer (avg.) | 1.07 m ² | 11.5 ft ² | Production location Montreal | |
| E  | Area/cube | 10.7 m² | 10 Rows | 115 ft² | |
| | Qty/cube | A=80 B=80 C=80 D=60 E=60 | | | |
| | Weight/cube | 1467 kg | 3234 lb | | |

Laying Pattern



Linear

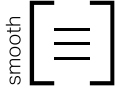
 1 bag of sand covers approx. 108 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Capio Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

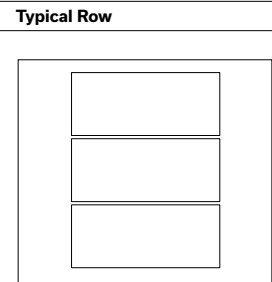
Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Cassara® Large Rectangle Paver



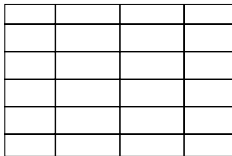
| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|------------------------------------|
| | 100 x 300 x 700 | 4 x 11 13/16 x 27 9/16 |
| Weight/unit | 48 kg | 106 lb |
| Unit/area | 4.76 units/m ² | 0.44 unit/ft ² |
| Area/layer | 0.63 m ² | 6.78 ft ² |
| Area/cube | 5.04 m² | 8 Rows 54.24 ft² |
| Length/layer | 2.10 lin. m | 6.89 lin. ft |
| Length/cube | 16.80 lin. m | 55.13 lin. ft |
| Qty/cube | 24 units | 24 units |
| Weight/cube | 1160 kg | 2557 lb |

| Code | Colour |
|-----------------|---------------------|
| Prestige | |
| 10200758 | Range Scandina Grey |
| 10200565 | Range Amber Beige |
| Standard | |
| 10200564 | Range Shaded Grey |



Sold in full cubes only
Cannot be double stacked
Production location St-Eustache

Laying Pattern



Linear

 **Techniseal** 1 bag of sand covers approx. 62 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Cassara Large Rectangle Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this paver, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

Cassara® Verde Paver

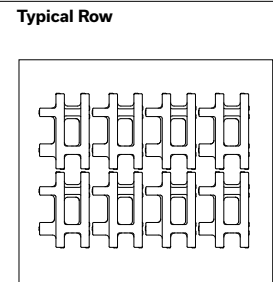


smooth

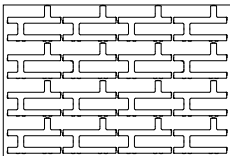


| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|-------------------------------------|
| | 80 x 300 x 450 | 3 1/8 x 11 13/16 x 17 3/4 |
| Weight/unit | 13 kg | 28 lb |
| Unit/area | 7.36 units/m ² | 0.68 unit/ft ² |
| Area/layer | 1.09 m ² | 11.72 ft ² |
| Area/cube | 10.9 m² | 10 Rows 117.2 ft² |
| Length/row | 3.6 lin. m | 11.81 lin. ft |
| Length/cube | 36 lin. m | 118.10 lin. ft |
| Qty/cube | 80 units | 80 units |
| Weight/cube | 1003 kg | 2213 lb |

Code 10303142 **Colour** Range Shaded Grey
 Sold in full cubes only
 Production location St-Eustache



Laying Pattern



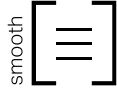
Checkerboard

TECHNICAL INFORMATION

| Product | Standard | Void Opening | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------|------------|--------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Cassara Verde Paver | CSA A231.2 | 50% | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Additional details: See our landscaping installation guide on our website.

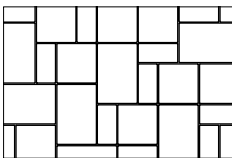
Eko Paver



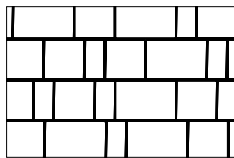
| Paver | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|------------------|---------------------------|--------------------------------------|--------------------------------------------------|----------------|-------------|
| A | 70 x 180 x 360 | 2 3/4 x 7 x 14 1/8 | 10502891 | Ash Grey Blend | |
| B | 70 x 360 x 360 | 2 3/4 x 14 1/8 x 14 1/8 | 10502278 | Granite Blend | |
| C | 70 x 360 x 540 | 2 3/4 x 14 1/8 x 21 1/4 | Sold in full cubes Production location Milton | | |
| Weight/unit | 19 kg | 43 lb | | | |
| Area/layer | 0.97 m ² | 10 Rows 10.46 ft ² | | | |
| Area/cube | 9.72 m² | 104.6 ft² | | | |
| Length/row | 3.24 lin. m | 10.63 lin. ft | | | |
| Length/cube | 32.4 lin. m | 106.3 lin. ft | | | |
| Weight/cube | 1551 kg | 3421 lb | | | |

| Small Rectangle | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|------------------|---------------------------|-----------------------------|--------------------------------------------------|--------------|-------------|
| | 70 x 180 x 360 | 2 3/4 x 7 x 14 1/8 | 127000525 | Sierra Black | |
| Weight/unit | 10 kg | 23 lb | Sold in full cubes Production location Milton | | |
| Area/layer | 0.97 m ² | 10.46 ft ² | | | |
| Area/cube | 9.72 m² | 104.6 ft² | | | |
| Length/row | 5.4 lin. m | 10 Rows 17.7 lin. ft | | | |
| Length/cube | 54 lin. m | 177.2 lin. ft | | | |
| Weight/cube | 1534 kg | 3384 lb | | | |

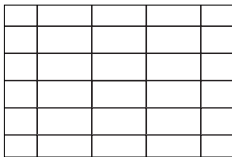
Laying Patterns



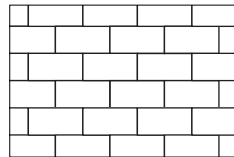
Modular - Eko



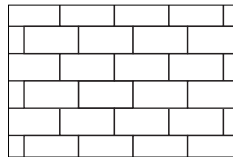
Linear - Eko



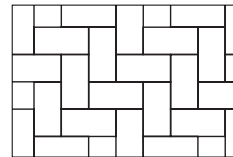
Checkerboard -
Eko Small Rectangle



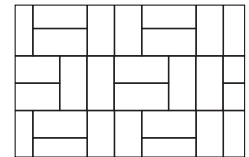
Running Bond -
Eko Small Rectangle



Offset 1/3 -
Eko Small Rectangle



Herringbone -
Eko Small Rectangle



Parquet -
Eko Small Rectangle

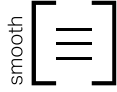
1 bag of sand covers approx. 155 ft²


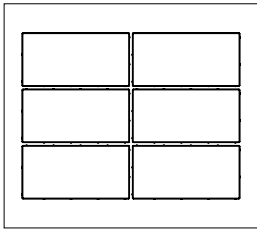
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Eko Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

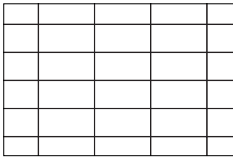
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Esbelto® DuraFusion Paver

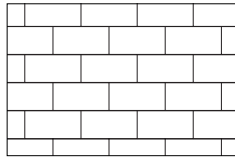


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------|------------------------------|-------------------|-------------------------------------------------------------------------------------|
|  | 80 x 305 x 610 | 3 1/8 x 12 x 24 | | DuraFusion | |
| Weight/unit | 37 kg | 81 lb | 127001989 | Oasis - <i>99</i> |  |
| Unit/area | 5.382 units/m ² | 0.50 unit/ft ² | 10551027 | Marbella | |
| Area/layer | 1.11 m ² | 12.00 ft ² | 10551024 | Silverstone | |
| Area/cube | 8.88 m² | 8 Rows | 96.00 ft² | Hickory | |
| Length/layer | 3.66 lin. m | 12.00 lin. ft | Sold in full cubes only | | |
| Length/cube | 29.26 lin. m | 96.00 lin. ft | Production location Metcalfe | | |
| Qty/cube | 48 units | 48 units | | | |
| Weight/cube | 1764 kg | 3888 lb | | | |

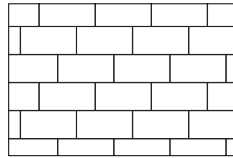
Laying Patterns



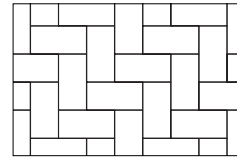
Checkerboard




Running Bond



Offset 1/3



Herringbone

 1 bag of sand covers approx. 124 ft²


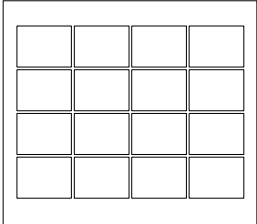
TECHNICAL INFORMATION


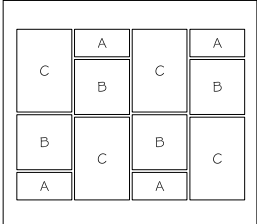


| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Esbelto DuraFusion Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

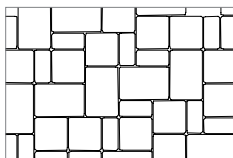
Kensington Paver



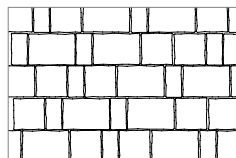
| Rectangle | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|----------------|----------------------------|----------------------------|--------------|-------------------------------------------------------------------------------------|
|  | 80 x 209 x 279 | 3 1/8 x 8 1/4 x 11 | 10500847 | Sierra Black |  |
| Weight/unit | 10 kg | 23 lb | Sold in full cubes only | | |
| Units/area | - | 1.55 units/ft ² | Production location Milton | | |
| Area/section | - | 23.17 ft ² | | | |
| Area/cube | - | 92.70 ft ² | | | |
| Length/section | - | 25 lin. ft | | | |
| Length/cube | - | 100 lin. ft | | | |
| Qty | 144 units/cube | 36 units/section | | | |
| Weight | 1498 kg | 3304 lb | | | |

| Mixed Bundle | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|------------------------------------------------------------------------------------------|---------------|----------------|----------------------------|----------------------------|-------------------|---------------------------------------------------------------------------------------|
|  C | C | 80 x 279 x 419 | 3 1/8 x 11 x 16 1/2 | 10503384 | Ash Grey Blend |  |
| | Weight/unit | 21.36 kg | 47.10 lb | 10500842 | Canyon Grey Blend | |
| | Units/area | - | 0.78 unit/ft ² | 10500843 | Desert Grey Blend | |
| | Qty/cube | 36 units | 36 units | 10506472 | Granite Blend | |
|  B | B | 80 x 279 x 279 | 3 1/8 x 11 x 11 | Sold in full cubes only | | |
| | Weight/unit | 14.33 kg | 31.60 lb | Production location Milton | | |
| | Units/area | - | 1.17 units/ft ² | | | |
| | Qty/cube | 36 units | 36 units | | | |
|  A | A | 80 x 139 x 279 | 3 1/8 x 5 1/2 x 11 | | | |
| | Weight/unit | 7.07 kg | 15.60 lb | | | |
| | Units/area | - | 2.32 units/ft ² | | | |
| | Qty/cube | 36 units | 36 units | | | |
| | Area/cube | - | 92.43 ft ² | | | |
| | Weight/cube | 1515 kg | 3341 lb | | | |

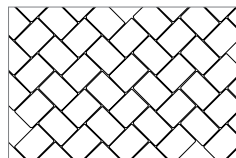
Laying Pattern



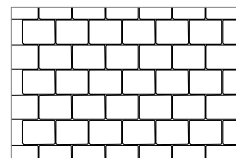
Pattern 1:
3 Stone Random



Pattern 2:
3 Stone Running Bond



Pattern 3: Herringbone
100% Rectangle



Pattern 4: Running Bond
100% Rectangle

 1 bag of sand covers approx. 37 ft²

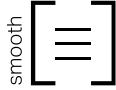
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Kensington Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Runoff coefficient (mixed bundle): 247 in per hour

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

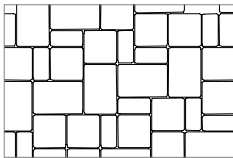
Kensington Smooth Paver



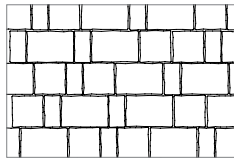
| Rectangle | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|----------------|----------------|----------------------------|----------------------------|--------------|-------------|
| | 80 x 209 x 279 | 3 1/8 x 8 1/4 x 11 | 10506699 | Sierra Black | |
| Weight/unit | 10 kg | 23 lb | Sold in full cubes only | | |
| Units/area | - | 1.55 units/ft ² | Production location Milton | | |
| Area/section | - | 23.17 ft ² | | | |
| Area/cube | - | 91.14 ft ² | | | |
| Length/section | - | 25 lin. ft | | | |
| Length/cube | - | 100 lin. ft | | | |
| Qty | 144 units/cube | 36 units/section | | | |
| Weight | 1498 kg | 3304 lb | | | |

| Mixed Bundle | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|--------------|----------------|----------------------------|----------------------------|----------|-------------------|--|
| | C | 80 x 279 x 419 | 3 1/8 x 11 x 16 1/2 | 10506622 | Ash Grey Blend | |
| | Weight/unit | 21.36 kg | 47.10 lb | 10506693 | Canyon Grey Blend | |
| | Units/area | - | 0.78 unit/ft ² | 10506694 | Desert Grey Blend | |
| | Qty/cube | 36 units | 36 units | 10506692 | Granite Blend | |
| B | 80 x 279 x 279 | 3 1/8 x 11 x 11 | Sold in full cubes only | | | |
| Weight/unit | 14.33 kg | 31.60 lb | Production location Milton | | | |
| Units/area | - | 1.17 units/ft ² | | | | |
| Qty/cube | 36 units | 36 units | | | | |
| A | 80 x 139 x 279 | 3 1/8 x 5 1/2 x 11 | | | | |
| Weight/unit | 7.07 kg | 15.60 lb | | | | |
| Units/area | - | 2.32 units/ft ² | | | | |
| Qty/cube | 36 units | 36 units | | | | |
| Area/cube | - | 91.14 ft ² | | | | |
| Weight/cube | 1531 kg | 3375 lb | | | | |

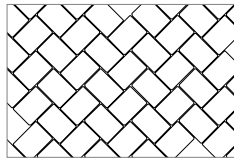
Laying Pattern



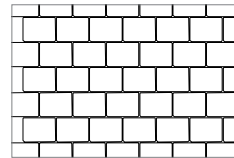
Pattern 1:
3 Stone Random



Pattern 2:
3 Stone Running Bond



Pattern 3: Herringbone
100% Rectangle



Pattern 4: Running Bond
100% Rectangle

1 bag of sand covers approx. 37 ft²

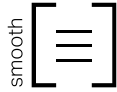
TECHNICAL INFORMATION


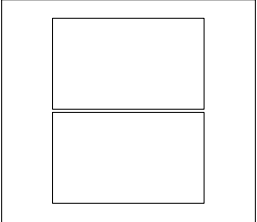
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Kensington Smooth Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Runoff coefficient (mixed bundle): 247 in per hour

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

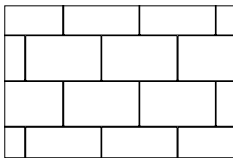
Mega Melville® Paver



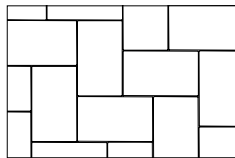
| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|-----------------------------------------------------------------------------------|---------------------------|---------------------------|-----------------------------|-------------------------|-------------------------------------------------------------------------------------|-------------------------|
|  | 80 x 570 x 950 | 3 1/8 x 22 7/16 x 37 3/8 | | Prestige |  | |
| Weight/unit | 101 kg | 222 lb | 10550530 | Range Amber Beige (1) | | |
| Unit/area | 1.85 units/m ² | 0.17 unit/ft ² | 10551112 | Range Margaux Beige (2) | | |
| Area/layer | 1.08 m ² | 11.66 ft ² | 10550464 | Range Chambord Grey (2) | | |
| Area/cube | 7.56 m² | 7 Rows | 81.62 ft² | 10559045 | | Range Scandina Grey (1) |
| Length/layer | 1.90 lin. m | 6.23 lin. ft | 10550531 | Rockland Black (2) | | |
| Length/cube | 13.29 lin. m | 43.60 lin. ft | | Standard | | |
| Qty/cube | 14 units | 14 units | 10550529 | Range Shaded Grey (2) | | |
| Weight/cube | 1410 kg | 3109 lb | 10550534 | Range Newport Grey (2) | | |

Sold in full cubes only
Production locations:
Metcalf (1)
Milton (2)

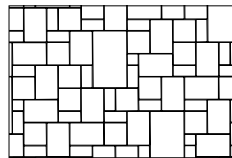
Laying Patterns



Linear



Herringbone



Modular
83% Melville 80
17% Mega Melville 80

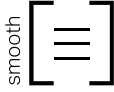
 1 bag of sand covers approx. 217 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Mega Melville Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation).

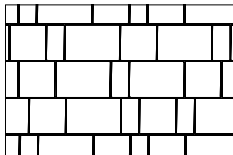
Melville[®] 80 and Melville[®] 80 DuraFusion Pavers



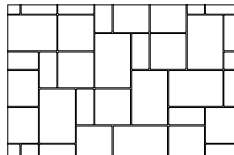
| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|--|--------------------|---------------------------|---------------------------|------------------------|-------------------------|
| | A | 80 x 190 x 380 | 3 1/8 x 7 1/2 x 15 | DuraFusion | |
| | B | 80 x 380 x 380 | 3 1/8 x 15 x 15 | 127001988 | Oasis - <i>1</i> (1) |
| | C | 80 x 380 x 570 | 3 1/8 x 15 x 22 7/16 | 10554893 | Marbella (1) |
| | Weight/unit (avg.) | 25 kg | 55 lb | 10555066 | Silverstone (1) |
| | Unit/area (avg.) | 7.39 units/m ² | 0.69 unit/ft ² | 10555067 | Hickory (1) |
| | Area/layer | 1.08 m ² | 11.66 ft ² | Prestige | |
| | Area/cube | 8.64 m² | 8 Rows | 10550869 | Range Amber Beige (1) |
| | Length/row | 3.04 lin. m | 9.97 lin. ft | 10550447 | Range Margaux Beige (2) |
| | Length/cube | 24.32 lin. m | 79.79 lin. ft | 10554764 | Range Chambord Grey (2) |
| | Weight/cube | 1598 kg | 3523 lb | 10550446 | Range Scandina Grey (1) |
| | | | 10550557 | Rockland Black (1) | |
| | | | Standard | | |
| | | | 10550868 | Range Shaded Grey (2) | |
| | | | 10550558 | Range Newport Grey (2) | |

Sold in full cubes only
Can be double stacked
Production locations:
Metcalf (1)
Milton (2)

Laying Patterns



Linear



Modular

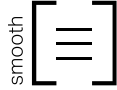
1 bag of sand covers approx. 116 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melville 80 and DuraFusion Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Melville® 80 Small Rectangle Paver

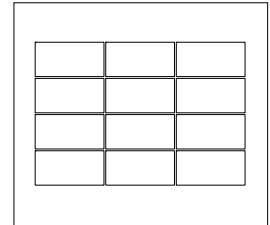


| | Dimensions mm | Dimensions in. |
|------------------|----------------------------|------------------------------------|
| | 80 x 190 x 380 | 3 1/8 x 7 1/2 x 15 |
| Weight/unit | 18 kg | 39 lb |
| Unit/area | 13.89 units/m ² | 1.29 units/ft ² |
| Area/layer | 0.87 m ² | 9.33 ft ² |
| Area/cube | 7.83 m² | 9 Rows 83.97 ft² |
| Length/layer | 4.57 lin. m | 15.00 lin. ft |
| Length/cube | 41.15 lin. m | 135.00 lin. ft |
| Qty/cube | 108 units | 108 units |
| Weight/cube | 1430 kg | 3153 lb |

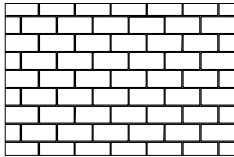
| Code | Colour |
|-----------------|-------------------------|
| Prestige | |
| 10550871 | Range Amber Beige (1) |
| 10551033 | Rockland Black (2) |
| 10551031 | Range Scandina Grey (1) |
| Standard | |
| 10550870 | Range Shaded Grey (2) |

Sold in full cubes only
Production locations:
Anjou (1)
Milton (2)

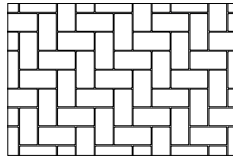
Typical Row



Laying Patterns



Linear



Herringbone

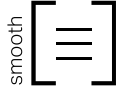
1 bag of sand covers approx. 77 ft²

TECHNICAL INFORMATION

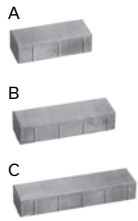
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melville 80 Small Rectangle Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Melville® Plank Paver



| Melville® Plank Slim | | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|----------------------------|-----------------------------|
| A | | 80 x 127 x 300 | 3 1/8 x 5 x 11 13/16 |
| B | | 80 x 127 x 400 | 3 1/8 x 5 x 15 3/4 |
| C | | 80 x 127 x 500 | 3 1/8 x 5 x 19 11/16 |
| Weight/unit (avg.) | | 9 kg | 21 lb |
| Unit/area (avg.) | | 19.61 units/m ² | 1.83 units/ft ² |
| Area/layer | | 1.07 m ² | 11.48 ft ² |
| Area/cube | 8.56 m² | 8 Rows | 91.84 ft² |
| Qty/cube | A = 56 | B = 56 | C = 56 |
| Length/row | | 8.40 lin. m | 27.56 lin. ft |
| Length/cube | | 67.20 lin. m | 220.48 lin. ft |
| Weight/cube | | 1610 kg | 3542 lb |



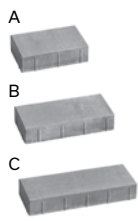
| Code | Colour |
|----------|---------------------|
| | Prestige |
| 10550398 | Rockland Black |
| 10550392 | Range Scandina Grey |

Sold in full cubes
Production location Montreal

Typical Row

| | | |
|---|---|---|
| B | A | C |
| B | A | C |
| B | A | C |
| B | A | C |
| B | A | C |
| B | A | C |
| B | A | C |
| B | A | C |

| Melville® Plank Large | | Dimensions mm | Dimensions in. |
|-----------------------|---------------------------|----------------------------|-----------------------------|
| A | | 80 x 190 x 300 | 3 1/8 x 7 1/2 x 11 13/16 |
| B | | 80 x 190 x 400 | 3 1/8 x 7 1/2 x 15 3/4 |
| C | | 80 x 190 x 500 | 3 1/8 x 7 1/2 x 19 11/16 |
| Weight/unit (avg.) | | 14 kg | 31 lb |
| Unit/area (avg.) | | 13.16 units/m ² | 1.22 units/ft ² |
| Area/layer | | 0.91 m ² | 9.82 ft ² |
| Area/cube | 7.28 m² | 8 Rows | 78.56 ft² |
| Qty/cube | A = 32 | B = 32 | C = 32 |
| Length/row | | 4.80 lin. m | 15.75 lin. ft |
| Length/cube | | 34.40 lin. m | 126.00 lin. ft |
| Weight/cube | | 1399 kg | 3078 lb |



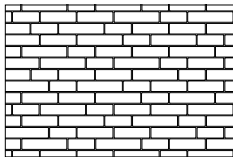
| Code | Colour |
|----------|---------------------|
| | Prestige |
| 10550395 | Rockland Black |
| 10550397 | Range Scandina Grey |

Sold in full cubes
Production location Montreal

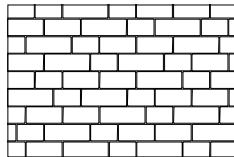
Typical Row

| | | |
|---|---|---|
| B | A | C |
| B | A | C |
| B | A | C |
| B | A | C |

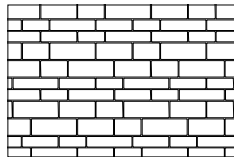
Laying Patterns



Melville Plank Slim Linear



Melville Plank Large Linear



Melville Plank 50% Slim and 50% Large

Techniseal 1 bag of sand covers approx. : Slim - 54 ft² / Large- 79 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Melville Plank Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

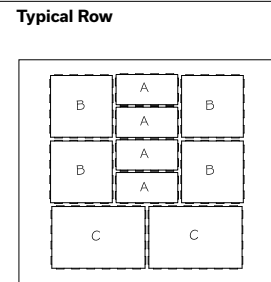
Mondrian® Plus 80 Paver



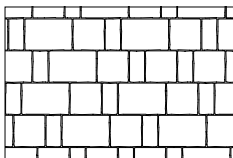
| | Dimensions mm | Dimensions in. |
|--------------------|---------------------------|-----------------------------|
| A | 80 x 165 x 330 | 3 1/8 x 6 1/2 x 13 |
| B | 80 x 330 x 330 | 3 1/8 x 13 x 13 |
| C | 80 x 330 x 495 | 3 1/8 x 13 x 19 1/2 |
| Weight/unit (avg.) | 17 kg | 38 lb |
| Unit/area (avg.) | 9.17 units/m ² | 0.85 unit/ft ² |
| Area/layer | 0.98 m ² | 10.55 ft ² |
| Area/cube | 8.82 m² | 94.95 ft² |
| Qty/cube | A = 36 B = 36 | C = 18 |
| Length/row | 2.97 lin. m | 9.75 lin. ft |
| Length/cube | 26.73 lin. m | 87.75 lin. ft |
| Weight/cube | 1563 kg | 3445 lb |

| Code | Colour |
|----------|---------------------|
| | Prestige |
| 10551159 | Range Margaux Beige |
| 10551158 | Range Amboise Beige |
| 10550461 | Range Scandina Grey |
| | Standard |
| 10551156 | Range Norvick Grey |
| 10551160 | Range Newport Grey |

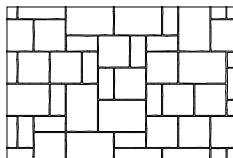
Sold in full cubes only
Can only be stacked 3 pallets high
Production location Bolton



Laying Patterns



Linear



Modular

1 bag of sand covers approx. 43 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Mondrian Plus 80 Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Runoff coefficient: 126 in per hour

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable pavement section).

Mondrian® Plus 80 Small Rectangle Paver

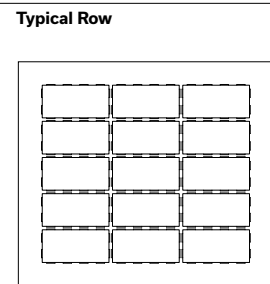


Pavers

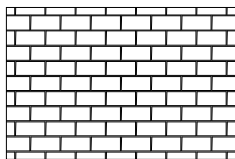


| | Dimensions mm | Dimensions in. |
|------------------|----------------------------|------------------------------------|
| | 80 x 165 x 330 | 3 1/8 x 6 1/2 x 13 |
| Weight/unit | 10 kg | 21 lb |
| Unit/area | 18.52 units/m ² | 1.71 units/ft ² |
| Area/layer | 0.82 m ² | 8.79 ft ² |
| Area/cube | 7.38 m² | 9 Rows 79.11 ft² |
| Length/row | 4.95 lin. m | 16.25 lin. ft |
| Length/cube | 59.43 lin. m | 195.00 lin. ft |
| Qty/cube | 135 units | 135 units |
| Weight/cube | 1302 kg | 2871 lb |

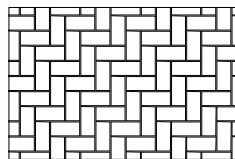
| Code | Colour |
|----------------------------|-----------------|
| | Prestige |
| 10550516 | Rockland Black |
| Sold in full cubes only | |
| Production location Bolton | |



Laying Patterns



Linear



Herringbone

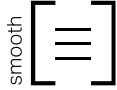
1 bag of sand covers approx. 29 ft²

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Mondrian Plus 80 Small Rectangle Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable pavement section).

Niagara 60 and 80 Paver



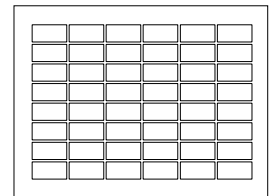
60 mm Rectangle



| | Dimensions mm | Dimensions in. |
|-------------|----------------------|----------------------------|
| | 60 x 98 x 198 | 2.36 x 3.86 x 7.80 |
| Weight/unit | 2 kg | 5 lb |
| Units/area | - | 4.58 units/ft ² |
| Area/cube | - | 94.40 ft ² |
| Length/cube | - | 140.40 lin. ft |
| Qty/cube | 432 units | 432 units |
| Weight | 2322 lb/1053 kg/cube | 515 lb/176 kg/section |

| Code | Colour |
|------------------------------------|---------|
| 10500854 | Natural |
| Call for custom colour information | |
| Sold in full cubes | |
| Production location Bolton | |

Typical Row



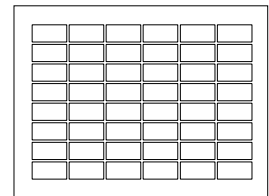
80 mm Rectangle NON-STOCK Special order only



| | Dimensions mm | Dimensions in. |
|-------------|------------------------|----------------------------|
| | 80 x 98 x 198 | 3.15 x 3.86 x 7.80 |
| Weight/unit | 3 kg | 7 lb |
| Units/area | - | 4.58 units/ft ² |
| Area/cube | - | 94.40 ft ² |
| Length/cube | - | 140.40 lin. ft |
| Qty/cube | 432 units | 432 units |
| Weight | 3089 lb/1401 kg - cube | 515 lb/234 kg - section |

| Code | Colour |
|------------------------------------|---------|
| 10501987 | Natural |
| Call for custom colour information | |
| Sold in full cubes | |
| Production location Bolton | |

Typical Row



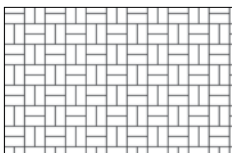
80 mm Herringbone NON-STOCK Special order only



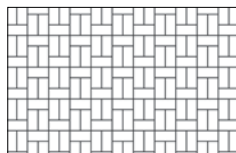
| | Dimensions mm | Dimensions in. |
|-------------|-------------------------------------------------|----------------------------|
| | 80 x 98 x 198 | 3.15 x 3.86 x 7.80 |
| Weight/unit | 3.54 kg | 7.80 lb |
| Units/area | - | 4.58 units/ft ² |
| Area/cube | - | 94.40 ft ² |
| Qty | 464 units/cube (400 rectangles, 64 half stones) | |
| Weight | 1529 kg | 3371 lb |

| Code | Colour |
|----------------------------|---------|
| 10501980 | Natural |
| Sold in full cubes only | |
| Production location Bolton | |

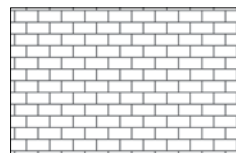
Laying Pattern



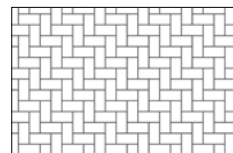
Parquet
100% Rectangle



Modified Parquet
100% Rectangle



Running Bond
100% Rectangle



Herringbone
100% Rectangle

For superior results, mark off a true 90° angle before you begin laying the pavers.

Techniseal 1 bag of sand covers approx. 82 ft²




TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Niagara 60 and 80 Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

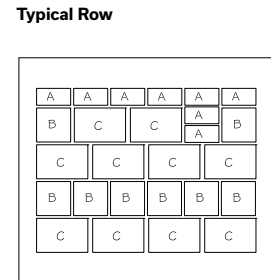
Trafalgar® 60 Paver



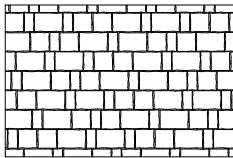
| | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------|
| A  | A | 60 x 100 x 200 |
| | B | 60 x 200 x 200 |
| | C | 60 x 300 x 200 |
| B  | Weight/unit (avg.) | 6 kg |
| | Unit/area (avg.) | 23.96 units/m ² |
| | Area/layer | 0.96 m ² |
| C  | Area/cube | 10.56 m² 10 Rows 116.30 ft² |
| | Qty/cube | A = 80 B = 80 C = 100 |
| | Length/row | 5.40 lin. m 17.72 lin. ft |
| | Length/cube | 54.01 lin. m 177.20 lin. ft |
| | Weight/cube | 1441 kg 3178 lb |

| Code | Colour |
|----------|---------------------|
| | Prestige |
| 10550442 | Range Margaux Beige |
| | Standard |
| 10550368 | Range Norvick Grey |
| 10550370 | Range Newport Grey |

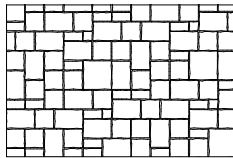
Sold in full cubes only
Production location Milton




Laying Patterns



Linear



Modular

 1 bag of sand covers approx. 122 ft²

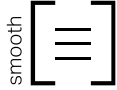
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Trafalgar 60 Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Runoff coefficient: 484 in per hour

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable pavement section).

Turfstone 80 and 100 Paver



80 mm



| | Dimensions mm | Dimensions in. |
|------------------|----------------|-------------------------------|
| | 80 x 598 x 398 | 3 1/8 x 23 9/16 x 15 5/8 |
| Weight/unit | 27 kg | 60 lb |
| Area/unit | - | 1 unit / 2.59 ft ² |
| Area/cube | - | 116.73 ft² |
| Qty | 45 units | 45 units |
| Weight/cube | 1222 kg | 2694 lb |

| Code | Colour |
|----------------------------|--------|
| 10300075 | Grey |
| Sold in full cubes only | |
| Production location Bolton | |

100 mm



| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|-----------------------------|
| | 100 x 598 x 398 | 3 15/16 x 23 9/16 x 15 5/8 |
| Weight/unit | 33 kg | 73 lb |
| Area/unit | 0.24 m ² | 2.59 ft ² |
| Area/cube | 8.44 m² | 90.80 ft² |
| Qty | 35 units | 35 units |
| Weight/cube | 1172 kg | 2579 lb |

| Code | Colour |
|----------------------------|--------|
| 10300723 | Grey |
| Sold in full cubes only | |
| Production location Quebec | |

TECHNICAL INFORMATION

| Product | Standard | Void Opening | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance |
|-----------------------------------|----------|--------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Turfstone 80 and 100 Paver | | 40% | N/A | ≥ 35 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

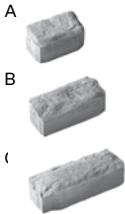
Runoff coefficient: 2.544 in. per hour

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches.
Additional details: See our landscaping installation guide on our website (Permeable pavement section).

Vendome® 60 and 80 Paver

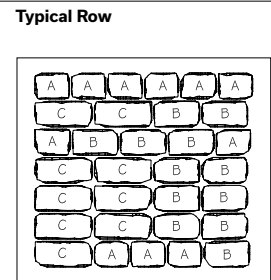


| 60 mm Not vehicular | | Dimensions mm | Dimensions in. |
|---------------------------|--------------------|----------------------------|------------------------------------|
| A | | 60 x 130 x 197 | 2 3/8 x 5 1/8 x 7 3/4 |
| B | | 60 x 130 x 262 | 2 3/8 x 5 1/8 x 10 5/16 |
| C | | 60 x 130 x 327 | 2 3/8 x 5 1/8 x 12 7/8 |
| | Weight/unit (avg.) | 4 kg | 9 lb |
| | Unit/area (avg.) | 30.50 units/m ² | 2.83 units/ft ² |
| | Area/layer | 1.05 m ² | 11.28 ft ² |
| | Area/cube | 8.40 m² | 8 Rows 90.24 ft² |
| | Length/row | 8.19 lin. m | 26.87 lin. ft |
| | Length/cube | 65.52 lin. m | 214.96 lin. ft |
| | Weight/cube | 1044 kg | 2302 lb |

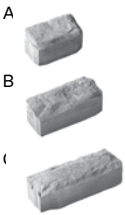


| Code | Colour |
|----------|---------------------|
| | Prestige |
| 10554763 | Rockland Black |
| 10554761 | Range Margaux Beige |
| | Standard |
| 10554762 | Range Newport Grey |

Sold in full cubes only
Production location Bolton

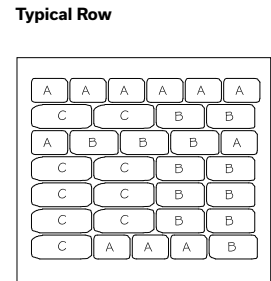


| 80 mm | | Dimensions mm | Dimensions in. |
|-------|--------------------|----------------------------|------------------------------------|
| A | | 80 x 130 x 197 | 3 1/8 x 5 1/8 x 7 3/4 |
| B | | 80 x 130 x 262 | 3 1/8 x 5 1/8 x 10 5/16 |
| C | | 80 x 130 x 327 | 3 1/8 x 5 1/8 x 12 7/8 |
| | Weight/unit (avg.) | 5 kg | 12 lb |
| | Unit/area (avg.) | 30.50 units/m ² | 2.83 units/ft ² |
| | Area/layer | 1.05 m ² | 11.28 ft ² |
| | Area/cube | 8.40 m² | 8 Rows 90.24 ft² |
| | Qty/cube | A = 88 B = 96 C = 72 | |
| | Length/row | 7.86 lin. m | 25.80 lin. ft |
| | Length/cube | 62.90 lin. m | 206.40 lin. ft |
| | Weight/cube | 1382 kg | 3047 lb |

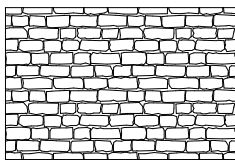


| Code | Colour |
|----------|---------------------|
| | Prestige |
| 10550002 | Rockland Black |
| 10559011 | Range Margaux Beige |
| | Standard |
| 10559010 | Range Newport Grey |

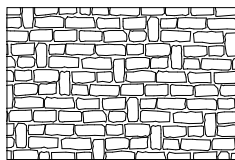
Sold in full cubes only
Production location Bolton



Laying Patterns



Linear



Modular

Techniseal 1 bag of sand covers approx. : Vendome 60 - 44 ft² / Vendome 80 - 33 ft²

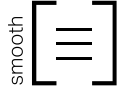
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Vendome Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Runoff coefficient: 890 in per hour

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable pavement section).

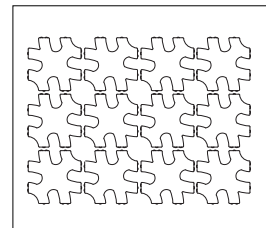
Virage Paver



| | Dimensions mm | Dimensions in. |
|--------------------|----------------------------|------------------------------------|
| | 80 x 300 x 300 | 3 1/8 x 11 7/8 x 11 7/8 |
| Weight/unit (avg.) | 16 kg | 36 lb |
| Unit/area (avg.) | 11.41 units/m ² | 1.06 units/ft ² |
| Area/layer | 1.05 m ² | 11.32 ft ² |
| Area/cube | 8.41 m² | 8 Rows 90.54 ft² |
| Length/row | 3.55 lin. m | 11.65 lin. ft |
| Length/cube | 28.42 lin. m | 93.23 lin. ft |
| Weight/cube | 1548 kg | 3413 lb |

| Code | Colour |
|----------------------------|----------------------|
| | Prestige |
| 10303063 | Range Scandinia Grey |
| Sold in full cubes | |
| Production location Bolton | |

Typical Row



Laying Patterns



Beaded pattern



Circle pattern



Link pattern



Mosaic pattern



Random pattern



Wave pattern



Flower pattern



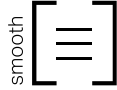
Clover pattern

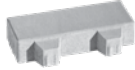
TECHNICAL INFORMATION

| Product | Standard | Void Opening | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------|------------|--------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Virage Paver | CSA A231.2 | 47% | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

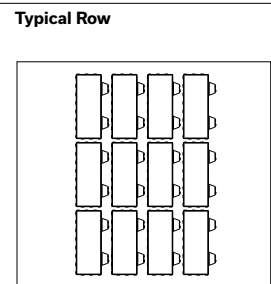
Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable pavement section).

Zen Paver

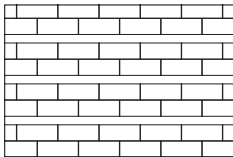


| | Dimensions mm | Dimensions in. |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------|
|  | 80 x 190 x 380 | 3 1/8 x 7 1/2 x 15 |
| Weight/unit (avg.) | 12 kg | 26 lb |
| Unit/area (avg.) | 18.04 units/m ² | 3.1 units/ft ² |
| Area/layer | 0.87 m ² | 9.33 ft ² |
| Area/cube | 7.83 m² | 9 Rows |
| Qty/cube | 108 units | 108 units |
| Length/row | 4.52 lin. m | 14.84 lin. ft |
| Length/cube | 40.72 lin. m | 133.58 lin. ft |
| Weight/cube | 1286 kg | 2837 lb |

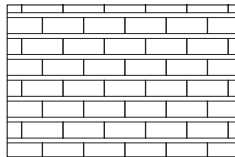
| Code | Colour |
|----------------------------|---------------------|
| | Prestige |
| 10300745 | Range Amber Beige |
| 10301003 | Range Scandina Grey |
| Sold in full cubes | |
| Production location Bolton | |



Laying Patterns



Linear



Linear

TECHNICAL INFORMATION

| Product | Standard | Void Opening | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------|------------|--------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Zen Paver | CSA A231.2 | 27% | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint sand compaction: Cover vibrating plate with a removable rubber tread (neoprene or polypropylene).
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable pavement section).





Walls

- 54 **Grande**
- 56 **Grande Smooth**
- 58 **Grande Wedge**
- 59 **Lafitt Tandem 90 and 180**
- 60 **Melville Tandem 90 and 180**
- 61 **Orion**
- 62 **RB**
- 63 **Tandem Accessories**
- 64 **Tandem Starter Unit**
- 64 **Tandem Next Structural 180**
- 65 **Tandem Structural 90**
- 66 **Urbano**
- 67 **Vario**
- 68 **Wallstone**
- 69 **Wedgestone**

Grande Wall



375 Standard

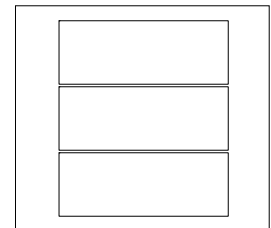


| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 375 x 1000 | 7 7/8 x 14 3/4 x 39 3/8 |
| Weight/unit | 161 kg | 360 lb |
| Area/layer | 5.00 units/m ² | 0.46 unit/ft ² |
| Area/cube | 1.80 m ² | 19.56 ft ² |
| Length/cube | 9.00 lin. m | 29.60 lin. ft |
| Qty/cube | 9 units | 9 units |
| Weight/cube | 1500 kg | 3300 lb |

| Code | Colour |
|----------|--------|
| 16201336 | Grey |

Call for custom colour information
Sold in full cubes only
Production location Cambridge

Typical Row



750 Standard

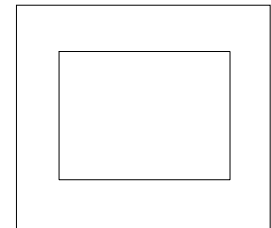


| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 750 x 1000 | 7 7/8 x 29 1/2 x 39 3/8 |
| Weight/unit | 328 kg | 726 lb |
| Area/layer | 5.00 units/m ² | 0.46 unit/ft ² |
| Area/cube | 0.80 m ² | 8.70 ft ² |
| Length/cube | 4.00 lin. m | 13.10 lin. ft |
| Qty/cube | 4 units | 4 units |
| Weight/cube | 1350 kg | 2970 lb |

| Code | Colour |
|----------|--------|
| 16209043 | Grey |

Call for custom colour information
Sold in full cubes only
Production location Cambridge

Typical Row



1125 Standard

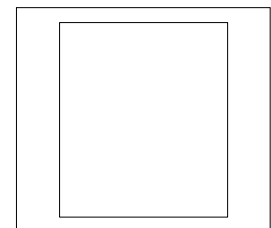


| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 1125 x 1000 | 7 7/8 x 44 5/16 x 39 3/8 |
| Weight/unit | 483 kg | 1065 lb |
| Area/layer | 5.00 units/m ² | 0.46 unit/ft ² |
| Area/cube | 0.60 m ² | 6.45 ft ² |
| Length/cube | 3.00 lin. m | 9.90 lin. ft |
| Qty/cube | 3 units | 3 units |
| Weight/cube | 1450 kg | 3190 lb |

| Code | Colour |
|----------|--------|
| 16209044 | Grey |

Call for custom colour information
Sold in full cubes only
Production location Cambridge

Typical Row



Clamps

| Code | |
|----------|----------|
| 70970830 | SM Clamp |
| 70970833 | LG Clamp |

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Grande Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

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Grande Wall

Corner Unit



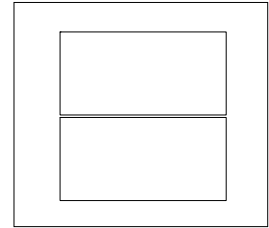
| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 500 x 1000 | 7 7/8 x 19 11/16 x 39 3/8 |
| Weight/unit | 213 kg | 469 lb |
| Unit/area | 3.33 units/m ² | 0.31 unit/ft ² |
| Qty/cube | 6 units* | 6 units* |
| Weight/cube | 1278 kg | 2811 lb |

* 6 units equal: 3 right units, 3 left units

| Code | Colour |
|----------|--------|
| 16209045 | Grey |

Call for custom colour information
Sold in full cubes only
Production location Cambridge

Typical Row



Step 175

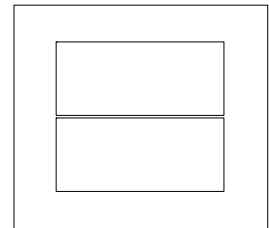


| | Dimensions mm | Dimensions in. |
|-----------------|------------------|-------------------------|
| | 175 x 438 x 1000 | 6 7/8 x 17 1/4 x 39 3/8 |
| Weight/unit | 175 kg | 386 lb |
| Length/cube | 1.20 lin. m | 19.68 lin. ft |
| Qty/cube | 6 units | 6 units |
| Weight/cube | 1070 kg | 2358 lb |

| Code | Colour |
|----------|-------------|
| 16202415 | Grey |
| 16202416 | Desert Grey |
| 16202417 | Granite |
| 16202418 | Onyx Brown |

Sold in full cubes only
Production location Cambridge

Typical Row



Capping 438

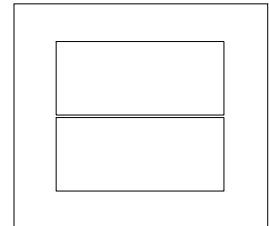


| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 438 x 1000 | 7 7/8 x 17 1/4 x 39 3/8 |
| Weight/unit | 194 kg | 427 lb |
| Unit/area | 5.00 units/m ² | 0.46 unit/ft ² |
| Qty/cube | 6 units | 6 units |
| Weight/cube | 1162 kg | 2561 lb |

| Code | Colour |
|----------|-------------|
| 16200460 | Grey |
| 16201338 | Desert Grey |
| 16201339 | Granite |
| 16201340 | Onyx Brown |

Sold in full cubes only
Production location Cambridge

Typical Row



Grande Wall - Custom Splitting



Custom splitting is available for corners at custom angles or for coping units at the end of a wall. **Splitting premium is in addition to the price of the unit being split.**

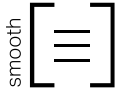
Sold in full cubes only
Production location - Cambridge

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Grande Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

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Grande Smooth Wall



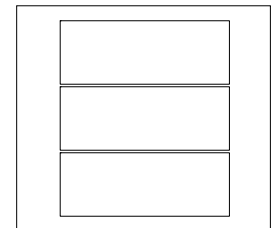
375 Standard



| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 375 x 1000 | 7 7/8 x 14 3/4 x 39 3/8 |
| Weight/unit | 161 kg | 360 lb |
| Area/layer | 5.00 units/m ² | 0.46 unit/ft ² |
| Area/cube | 1.80 m ² | 19.56 ft ² |
| Length/cube | 9.00 lin. m | 29.60 lin. ft |
| Qty/cube | 9 units | 9 units |
| Weight/cube | 1500 kg | 3300 lb |

| Code | Colour |
|------------------------------|--------|
| 129000448 | Grey |
| Sold in full cubes | |
| Can be double stacked | |
| Production location Metcalfe | |

Typical Row



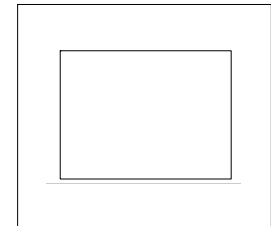
750 Standard



| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 750 x 1000 | 7 7/8 x 29 1/2 x 39 3/8 |
| Weight/unit | 328 kg | 726 lb |
| Area/layer | 5.00 units/m ² | 0.46 unit/ft ² |
| Area/cube | 0.80 m ² | 8.70 ft ² |
| Length/cube | 4.00 lin. m | 13.10 lin. ft |
| Qty/cube | 4 units | 4 units |
| Weight/cube | 1350 kg | 2970 lb |

| Code | Colour |
|------------------------------|--------|
| 129000449 | Grey |
| Sold in full cubes | |
| Can be double stacked | |
| Production location Metcalfe | |

Typical Row



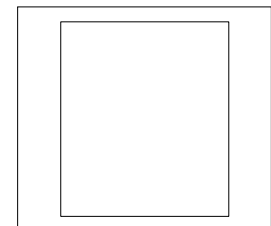
1125 Standard



| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 200 x 1125 x 1000 | 7 7/8 x 44 5/16 x 39 3/8 |
| Weight/unit | 483 kg | 1065 lb |
| Area/layer | 5.00 units/m ² | 0.46 unit/ft ² |
| Area/cube | 0.60 m ² | 6.45 ft ² |
| Length/cube | 3.00 lin. m | 9.90 lin. ft |
| Qty/cube | 3 units | 3 units |
| Weight/cube | 1450 kg | 3190 lb |

| Code | Colour |
|------------------------------|--------|
| 129000452 | Grey |
| Sold in full cubes | |
| Can be double stacked | |
| Production location Metcalfe | |

Typical Row


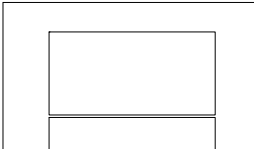


TECHNICAL INFORMATION


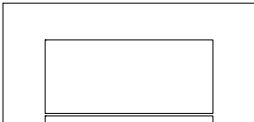
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Grande Smooth Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |


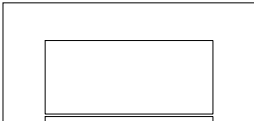
The information contained in these technical documents is supplied for information purposes only. Any application of the information is the sole responsibility of the installer. The installer must ensure that the installation and use of retaining wall projects comply with local regulations and code requirements. A qualified engineer must be consulted for final design for construction purposes. Oldcastle Building Products Canada, Inc. and its affiliates cannot be held responsible for the improper use of information contained in these technical documents.

Grande Smooth Wall

| Corner Unit | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|---------------------------|---------------------------|------------------------------|--------|-------------------------------------------------------------------------------------|
|  | 200 x 500 x 1000 | 7 7/8 x 19 11/16 x 39 3/8 | 129000451 | Grey |  |
| Weight/unit | 213 kg | 469 lb | Can be double stacked | | |
| Unit/area | 3.33 units/m ² | 0.31 unit/ft ² | Production location Metcalfe | | |
| Qty/cube | 6 units* | 6 units* | | | |
| Weight/cube | 1278 kg | 2811 lb | | | |

* 6 units equal: 3 right units, 3 left units

| Step 175 | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|------------------|-------------------------|-------------------------------|--------|-------------------------------------------------------------------------------------|
|  | 175 x 438 x 1000 | 6 7/8 x 17 1/4 x 39 3/8 | 16202415 | Grey |  |
| Weight/unit | 175 kg | 386 lb | Sold in full cubes | | |
| Length/cube | 1.20 lin. m | 19.68 lin. ft | Can be double stacked | | |
| Qty/cube | 6 units | 6 units | Production location Cambridge | | |
| Weight/cube | 1070 kg | 2358 lb | | | |

| Capping 438 | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-------------------------------------------------------------------------------------|---------------------------|---------------------------|------------------------------|--------|---------------------------------------------------------------------------------------|
|  | 200 x 438 x 1000 | 7 7/8 x 17 1/4 x 39 3/8 | 129000451 | Grey |  |
| Weight/unit | 194 kg | 427 lb | Sold in full cubes | | |
| Unit/area | 5.00 units/m ² | 0.46 unit/ft ² | Can be double stacked | | |
| Qty/cube | 6 units | 6 units | Production location Metcalfe | | |
| Weight/cube | 1162 kg | 2561 lb | | | |

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Grande Smooth Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

The information contained in these technical documents is supplied for information purposes only. Any application of the information is the sole responsibility of the installer. The installer must ensure that the installation and use of retaining wall projects comply with local regulations and code requirements. A qualified engineer must be consulted for final design for construction purposes. Oldcastle Building Products Canada, Inc. and its affiliates cannot be held responsible for the improper use of information contained in these technical documents.

Grande Wedge® Standard Wall and Capping



Standard Wall

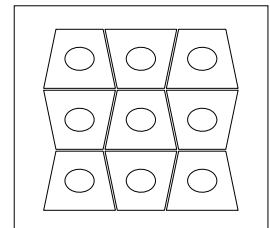


| | Dimensions mm | Dimensions in. |
|-----------------|----------------------------|------------------------------------|
| | 200 x 312.5 x 380 - 250 | 7 7/8 x 12 5/16 x 14 15/16 - 9 7/8 |
| Weight/unit | 38 kg | 83 lb |
| Unit/area | 13.16 units/m ² | 1.22 units/ft ² |
| Area/cube | 2.74 m ² | 29.50 ft ² |
| Length/cube | 13.68 lin m | 44.90 lin. ft |
| Qty/cube | 36 units | 36 units |
| Weight/cube | 1353 kg | 2978 lb |

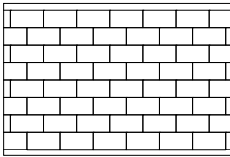
| Code | Colour |
|----------|--------|
| 16200459 | Grey |

Call for custom colour information
Sold in full cubes
Production location Cambridge

Typical Row



Laying Pattern



Linear

Capping

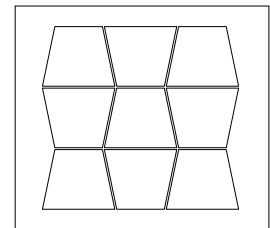


| | Dimensions mm | Dimensions in. |
|-----------------|-------------------------|--------------------------------------|
| | 100 x 312.5 x 380 - 250 | 3 15/16 x 12 5/16 x 14 15/16 - 9 7/8 |
| Weight/unit | 21 kg | 47 lb |
| Length/cube | 23.94 lin. m | 78.50 lin. ft |
| Qty/cube | 63 units | 63 units |
| Weight/cube | 1329 kg | 2978 lb |

| Code | Colour |
|----------|--------|
| 16200458 | Grey |

Call for custom colour information
Sold in full cubes
Production location Cambridge

Typical Row



TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Grande Wedge Standard Wall and Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Recommended Capping: Grande Wedge Capping Unit

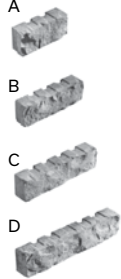
Applications: Retaining Walls

Features: Wedge Units create a 1000 mm (3'3") outside radius without cutting - 4 Wedge units are required for a rounded 90° corner, 16 pcs for a full circle - Two thirds of all Wedge units in a bundle come double rock-faced for inside and outside curves.
Engineering required for walls greater than 1.0 m (3.3 ft)

Lafitt® Tandem® 90 and 180 Wall

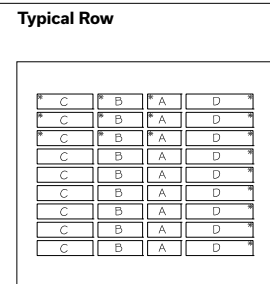


| 90 Veneer | | Dimensions mm | Dimensions in. |
|-----------|--------------------|----------------------------------|-----------------------------|
| A | | 90 x 67 x 201 | 3 9/16 x 2 5/8 x 7 7/8 |
| B | | 90 x 67 x 268 | 3 9/16 x 2 5/8 x 10 1/2 |
| C | | 90 x 67 x 335 | 3 9/16 x 2 5/8 x 13 3/16 |
| D | | 90 x 67 x 402 | 3 9/16 x 2 5/8 x 15 13/16 |
| | Weight/unit (avg.) | 4 kg | 8 lb |
| | Area/layer | 0.98 m ² | 10.53 ft ² |
| | Area/cube | 3.92 m² 4 Rows | 42.12 ft² |
| | Qty/cube | A = 36 B = 36 C = 36 D = 36 | |
| | Length/row | 10.89 lin. m | 35.64 lin. ft |
| | Length/cube | 43.56 lin. m | 142.56 lin. ft |
| | Weight/cube | 550 kg | 1210 lb |

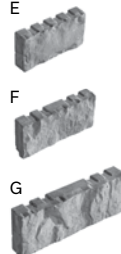


| Code | Colour |
|----------|----------------------|
| 16250907 | Range Newport Grey |
| 16250906 | Range Margaux Beige |
| 16251849 | Range Scandinia Grey |

A set of 4 units = 1.17 ft²
Sold in full cubes only
Production location Metcalfe

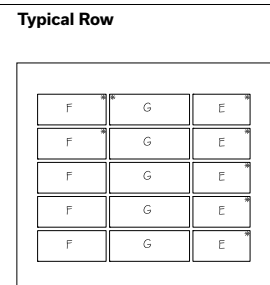


| 180 Veneer | | Dimensions mm | Dimensions in. |
|------------|--------------------|----------------------------------|-----------------------------|
| E | | 180 x 67 x 335 | 7 1/16 x 2 5/8 x 13 3/16 |
| F | | 180 x 67 x 402 | 7 1/16 x 2 5/8 x 15 13/16 |
| G | | 180 x 67 x 469 | 7 1/16 x 2 5/8 x 18 1/2 |
| | Weight/unit (avg.) | 10 kg | 21 lb |
| | Area/layer | 1.08 m ² | 11.63 ft ² |
| | Area/cube | 4.32 m² 4 Rows | 46.52 ft² |
| | Qty/cube | E = 20 F = 20 G = 20 | |
| | Length/row | 6.02 lin. m | 19.75 lin. ft |
| | Length/cube | 24.08 lin. m | 79.00 lin. ft |
| | Weight/cube | 634 kg | 1395 lb |

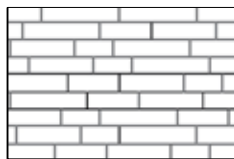


| Code | Colour |
|----------|----------------------|
| 16250910 | Range Margaux Beige |
| 16250909 | Range Newport Grey |
| 16251853 | Range Scandinia Grey |

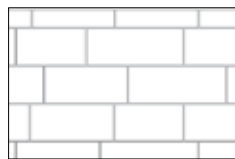
A set of 3 units = 2.32 ft²
Sold in full cubes only
Production location Metcalfe



Laying Patterns



Lafitt 90 Linear
100% Lafitt Tandem 90



Lafitt 180 Linear
100% Lafitt Tandem 180

TECHNICAL INFORMATION

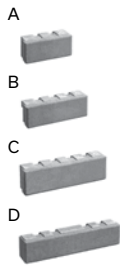
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Lafitt Tandem 90 and 180 Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Applications: Retaining wall (by using 90 mm and 180 mm Next structural units) - Double-sided wall (by using double-sided concrete or plastic connector) - Pillars (by using the Tandem Wall Grid Pillar Kit) - Steps (by using Lafitt Plus Step unit)
Recommended Capping units: Lafitt Plus Capping unit
Additional details: See our landscaping installation guide on our website.

Melville® Tandem® 90 and 180 Wall



90 Veneer



| | Dimensions mm | Dimensions in. |
|--------------------|-----------------------------|------------------------------------|
| A | 90 x 67 x 201 | 3 9/16 x 2 5/8 x 7 7/8 |
| B | 90 x 67 x 268 | 3 9/16 x 2 5/8 x 10 1/2 |
| C | 90 x 67 x 335 | 3 9/16 x 2 5/8 x 13 3/16 |
| D | 90 x 67 x 402 | 3 9/16 x 2 5/8 x 15 13/16 |
| Weight/unit (avg.) | 4 kg | 8 lb |
| Area/layer | 0.98 m ² | 10.53 ft ² |
| Area/cube | 3.92 m² | 4 Rows 42.12 ft² |
| Qty/cube | A = 36 B = 36 C = 36 D = 36 | |
| Length/row | 10.89 lin. m | 35.64 lin. ft |
| Length/cube | 43.56 lin. m | 142.56 lin. ft |
| Weight/cube | 550 kg | 1210 lb |

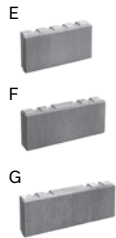
| Code | Colour |
|----------|---------------------|
| 16251526 | Range Newport Grey |
| 16251527 | Rockland Black |
| 16251868 | Range Scandina Grey |
| 16252291 | Range Amber Beige |
| 16252293 | Range Shaded Grey |

A set of 4 units = 1.17 ft²
Sold in full cubes only
Production location Metcalfe

Typical Row

| | | | |
|---|---|---|---|
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |
| C | B | A | D |

180 Veneer



| | Dimensions mm | Dimensions in. |
|--------------------|---------------------------|------------------------------------|
| E | 180 x 67 x 335 | 7 1/16 x 2 5/8 x 13 3/16 |
| F | 180 x 67 x 402 | 7 1/16 x 2 5/8 x 15 13/16 |
| G | 180 x 67 x 469 | 7 1/16 x 2 5/8 x 18 1/2 |
| Weight/unit (avg.) | 10 kg | 21 lb |
| Area/layer | 1.08 m ² | 11.63 ft ² |
| Area/cube | 4.32 m² | 4 Rows 46.52 ft² |
| Qty/cube | E = 20 F = 20 G = 20 | |
| Length/row | 6.02 lin. m | 19.75 lin. ft |
| Length/cube | 24.08 lin. m | 79.00 lin. ft |
| Weight/cube | 605 kg | 1331 lb |

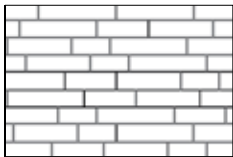
| Code | Colour |
|----------|---------------------|
| 16251496 | Range Newport Grey |
| 16251497 | Rockland Black |
| 16251836 | Range Scandina Grey |
| 16252289 | Range Amber Beige |
| 16252288 | Range Shaded Grey |

A set of 3 units = 2.32 ft²
Sold in full cubes only
Production location Metcalfe

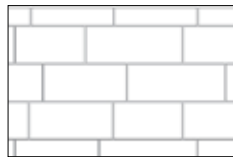
Typical Row

| | | |
|---|---|---|
| F | G | E |
| F | G | E |
| F | G | E |
| F | G | E |
| F | G | E |
| F | G | E |

Laying Patterns



Melville 90 Linear
100% Melville Tandem 90



Melville 180 Linear
100% Melville Tandem 180

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Melville Tandem 90 and 180 Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Applications: Retaining wall (by using 90 mm and 180 mm Next structural units) - Double-sided wall (by using double-sided concrete or plastic connector) - Pillars (by using the Tandem Wall Grid Pillar Kit) - Steps (by using Melville Plus Step unit)
Recommended Capping units: Melville Plus Capping unit
Additional details: See our landscaping installation guide on our website.

Orion Wall

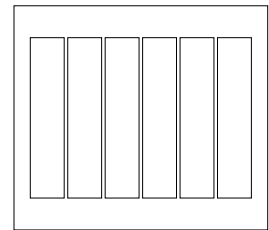


| | Dimensions mm | Dimensions in. |
|--------------------|---------------------------|----------------------------|
| | 180 x 203 x 813 | 7 x 8 x 32 |
| Weight/unit (avg.) | 68 kg | 151 lb |
| Unit/area (avg.) | 6.83 units/m ² | 0.63 unit/ft ² |
| Area/cube | 3.51 m² | 37.8 ft² |
| Length/cube | 19.51 lin. m | 64.02 lin. ft |
| Qty/cube | 24 units | 4 Rows 24 units |
| Weight/cube | 1640 kg | 3616 lb |

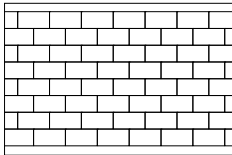
| Code | Colour |
|----------|---------------------|
| 16251110 | Range Amber Beige |
| 16251109 | Range Scandina Grey |

Sold in full cubes
Do not double stack in winter
Production location St-Eustache

Typical Row



Laying Pattern



Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Orion Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

RB Wall



Standard

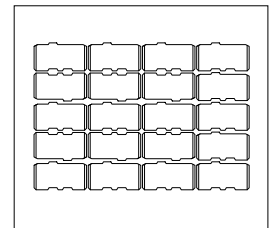


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|----------------------------|
| | 150 x 300 x 200 | 5 29/32 x 11 13/16 x 7 7/8 |
| Weight/unit | 20.4 kg | 45 lb |
| Unit/area | - | 3.10 unit/ft ² |
| Area/cube | - | 19.40 ft ² |
| Length/cube | - | 39.40 lin. ft |
| Qty/cube | 60 units | 60 units |
| Weight/cube | 1224 kg | 2698 lb |

| Code | Colour |
|----------|-------------------|
| 16259289 | Natural |
| 16259287 | Desert Grey Blend |
| 16259288 | Granite Blend |
| 16251887 | Sierra Black |

Sold by 15 pieces
Split charges apply
Production location Cambridge

Typical Row



Corner

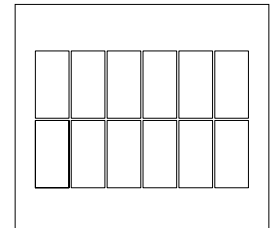


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|----------------------------|
| | 150 x 300 x 200 | 5 29/32 x 11 13/16 x 7 7/8 |
| Weight/unit | 20.94 kg | 46.20 lb |
| Area/unit | - | 0.81 ft ² |
| Qty/cube | 36 units | 36 units |
| Weight/cube | 754 kg | 1664 lb |

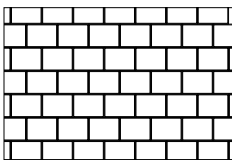
| Code | Colour |
|----------|-------------------|
| 16259283 | Natural |
| 16259281 | Desert Grey Blend |
| 16259282 | Granite Blend |
| 16251886 | Sierra Black |

Sold by piece
Split charges apply
Production location Cambridge

Typical Row



Laying Pattern



Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| RB Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

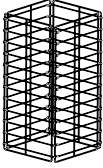
Applications: Retaining walls MAX 1,0 m (3.3 ft). Steps. Additional details: See our landscaping installation guide on our website.

Features: Most RB Wall component units come split. Corner units are sold as single, pre-split units.

Tips: Build vertical walls by knocking off back half of each of the two ribs on top of the block using a hammer and chisel.

Tandem® Wall Accessories

Grid Pillar Kit



| | Dimensions mm | Dimensions in. |
|------------------------|---------------------|----------------------|
| | 1067 x 670 x 670 | 42 x 26 3/8 x 26 3/8 |
| Weight/unit | 23 kg | 50 lb |
| Surface of veneer req. | 2.60 m ² | 28 ft ² |
| Qty/cube | 10 units | 10 units |
| Weight/cube | 227 kg | 499 lb |

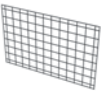
| Code | Colour |
|-----------------------------------------------------------------------------------------------------------------------------|--------|
| 70550661 | Silver |
| Includes one bag of 200 connectors Non returnable pallet Cannot be used with Melville and Lafitt Veneers (180) | |

Connectors

| | Dimensions mm | Dimensions in. |
|----------------|--------------------|-------------------|
| | 63.5 x 63.5 x 2438 | 2 1/2 x 2 1/2 x 8 |
| Qty/bag | 200 units | 200 units |
| Weight/package | 143 kg | 315 lb |

| Code | Colour |
|----------------------------------------------------|--------|
| 70550961 | Grey |
| Sold by full package only Non returnable pallet | |

Modular Grid Kit



| | Dimensions mm | Dimensions in. |
|------------------------|---------------------|----------------------|
| | 717 x 1077 | 28,23 x 42,4 |
| Weight/unit | 3.4 kg | 7.5 lb |
| Surface of veneer req. | 0.77 m ² | 8.31 ft ² |
| Qty/cube | 40 units | 40 units |
| Weight/cube | 137 kg | 302 lb |

| Code | Colour |
|----------------------------------------------------------------------------------------|--------|
| 70550550 | Silver |
| Includes one bag of 60 connectors, 10 screws and 10 clamps Non returnable pallet | |

8 ft. Shelf Angle



| | Dimensions mm | Dimensions in. |
|----------------|--------------------|-------------------|
| | 63.5 x 63.5 x 2438 | 2 1/2 x 2 1/2 x 8 |
| Qty/bag | 15 units | 15 units |
| Weight/package | 143 kg | 315 lb |

| Code | Colour |
|----------------------------------------------------|--------|
| 34355362 | Grey |
| Sold by full package only Non returnable pallet | |

Double-Sided Plastic Connector

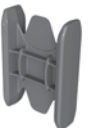


| | Dimensions mm | Dimensions in. |
|----------------|-----------------|-----------------|
| | 85 mm x 170 mm | 3 3/8 x 6 11/16 |
| Qty/bag | 50 units | 50 units |

Quantity of connectors required:
Lafitt Tandem 90 and Melville Tandem 90
 7 connectors per ft² (1) - 74 connectors per m² (1)
Lafitt Tandem 180 and Melville Tandem 180
 5.5 connectors per ft² (1) - 57 connectors per m² (1)
 (1) Based on one of the two sides of the double-sided wall

| Code | Colour |
|--------------------------------------------------|--------|
| 70970615 | Black |
| Sold by full bag Recommended for curved walls | |

Corner Connector

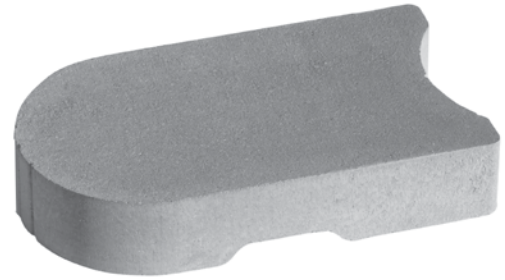


| | Dimensions mm | Dimensions in. |
|----------------------------------------------------------------|-----------------|-----------------|
| | 85 mm x 70 mm | 3 3/8 x 2 3/4 |
| Qty/bag | 50 units | 50 units |
| 12 bags/cube | | |
| Quantity required per 90° corner: one corner connector per row | | |

| Code | Colour |
|------------------|--------|
| 70970616 | Black |
| Sold by full bag | |

Additional details: See our landscaping installation guide on our website.

Tandem Wall Starter Unit

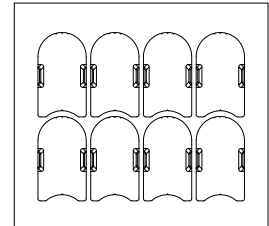


| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|--------------------------|
| | 90 x 268 x 469 | 3 9/16 x 10 1/2 x 18 1/2 |
| Weight/unit | 23 kg | 51 lb |
| Units/length | 2.30 units/lin. m | 0.70 unit/lin. ft |
| Qty/cube | 56 units | 7 Rows |
| Weight/cube | 1333 kg | 2939 lb |

| Code | Colour |
|----------|--------|
| 12053584 | Grey |

Sold by piece
Can be double stacked
Production location Metcalfe

Typical Row



Tandem® Next Wall 180 mm Structural Unit

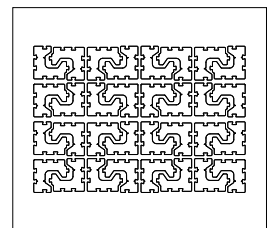


| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|------------------------|
| | 180 x 200 x 199 | 7 1/16 x 7 7/8 x 7 7/8 |
| Weight/unit | 9.4 kg | 20.58 lb |
| Area/layer | 1.13 m ² | 12.16 ft ² |
| Area/cube | 4.52 m² | 4 Rows |
| Length/row | 6.37 lin. m | 20.89 lin. ft |
| Length/cube | 25.47 lin. m | 83.57 lin. ft |
| Units/row | 32 | 32 |
| Qty/cube | 128 units | 128 units |
| Weight/cube | 1316 kg | 2901 lb |

| Code | Colour |
|----------|--------|
| 16252752 | Grey |

4 bags of 37 connectors = 1 bag per row
Sold in full cubes only
Production location Trois-Rivières

Typical Row



Universal Connector



| Code | Colour |
|----------|--------|
| 70972062 | Black |

Box of 148 units
1 box of 4 bags of 37 units
72 boxes/cube
Sold by box

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Tandem Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

The Tandem Next Wall system 180 mm Structural Unit may be used with the 180 mm Melville and Lafitt Veneer Units for retaining wall applications. Additional details: See our landscaping installation guide on our website.

Tandem® Wall 90 mm Structural Unit



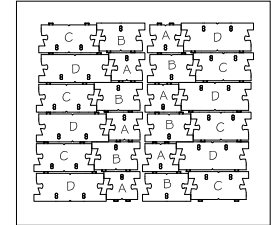
| | | Dimensions mm | Dimensions in. |
|---|---------------------|---------------------------|---------------------------|
| A | A | 90 x 155 x 201 | 3 9/16 x 6 1/8 x 7 7/8 |
| | B | 90 x 155 x 268 | 3 9/16 x 6 1/8 x 10 1/2 |
| B | C | 90 x 155 x 335 | 3 9/16 x 6 1/8 x 13 3/16 |
| | D | 90 x 155 x 402 | 3 9/16 x 6 1/8 x 15 13/16 |
| C | Weight/unit (avg.) | 23 kg | 51 lb |
| | Area/layer | 0.65 m ² | 7.02 ft ² |
| D | Area/cube | 3.91 m² | 6 Rows |
| | Qty/cube | A = 36 | B = 36 |
| | Length/row (1 to 5) | 7.24 lin. m | 23.75 lin. ft |
| | Length/cube | 43.44 lin. m | 142.50 lin. ft |
| | Weight/cube | 1230 kg | 2711 lb |

| Code | Colour |
|----------|--------|
| 16259063 | Grey |

For each structural unit,
1 alignment pin is included
A set of 4 units = 1.17 ft²

Sold in full cubes only
Can be double stacked
Production location Trois-Rivières

Typical Row



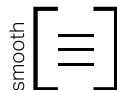
Walls

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Tandem Wall Structural | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

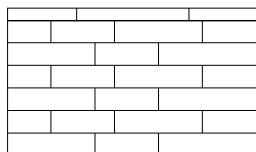
The Tandem Structural units must be used with the Melville and Lafitt Veneer units for retaining wall applications. Additional details specific to this product are available by consulting our landscaping installation guide on our website.

Urbano® Wall



| | | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | | | | | | | | | | | | | | | | | | |
|---|--------------------|----------------------------|------------------------------|-----------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|---|---|---|--|--|--|--|--|--|--|--|--|
| A | A | 120 x 201 x 335 | 4 3/4 x 7 15/16 x 13 3/16 | 16254078 | Range Scandina Grey | <table border="1"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td>B</td><td>A</td><td>C</td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table> | | | | | | | B | A | C | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| B | A | C | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| B | 120 x 201 x 402 | 4 3/4 x 7 15/16 x 15 13/16 | 16254311 | Range Amber Beige | | | | | | | | | | | | | | | | | | | | |
| C | 120 x 201 x 469 | 4 3/4 x 7 15/16 x 18 1/2 | 16254312 | Range Shaded Grey | | | | | | | | | | | | | | | | | | | | |
| B | Weight/unit (avg.) | 21 kg | 47 lb | Sold in full cubes only | | | | | | | | | | | | | | | | | | | | |
| | Area/layer | 0.87 m ² | 9.35 ft ² | 148 universal connectors included | | | | | | | | | | | | | | | | | | | | |
| | Area/cube | 3.48 m ² | 4 Rows 37.40 ft ² | Do not double stack in winter | | | | | | | | | | | | | | | | | | | | |
| C | Length/cube | 28.94 lin. m | 94.96 lin. ft | Production location St-Eustache | | | | | | | | | | | | | | | | | | | | |
| | Weight/cube | 1525 kg | 3363 lb | | | | | | | | | | | | | | | | | | | | | |

Laying Pattern



Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Urbano Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Vario® Wall

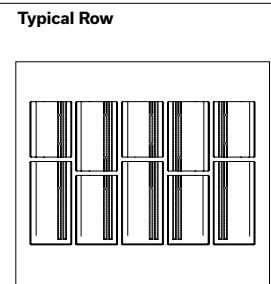


Walls

| 90 mm | | Dimensions mm | Dimensions in. |
|-------|--------------------|---------------------------|-------------------------|
| A | A | 90 x 238 x 317.5 | 3 9/16 x 9 3/8 x 12 1/2 |
| | B | 90 x 238 x 397 | 3 9/16 x 9 3/8 x 15 5/8 |
| | C | 90 x 238 x 476.5 | 3 9/16 x 9 3/8 x 18 3/4 |
| B | Weight/unit (avg.) | 20 kg | 43 lb |
| | Area/layer | 0.36 m ² | 3.84 ft ² |
| C | Area/cube | 2.85 m² | 8 Rows |
| | Length/cube | 31.76 lin. m | 104.16 lin. ft |
| | Weight/cube | 1573 kg | 3468 lb |

| Code | Colour |
|----------|---------------------|
| 16251288 | Range Amber Beige |
| 16251286 | Range Newport Grey |
| 16251287 | Range Scandina Grey |

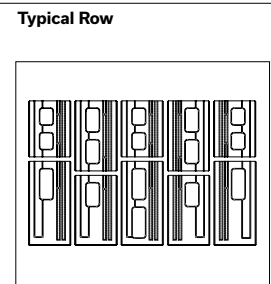
Full bundle only
Can be double stacked
Production location St-Eustache



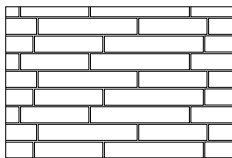
| 180 mm | | Dimensions mm | Dimensions in. |
|--------|--------------------|---------------------------|----------------------|
| A | A | 180 x 238 x 317.5 | 7 x 9 3/8 x 12 1/2 |
| | B | 180 x 238 x 397 | 7 x 9 3/8 x 15 5/8 |
| | C | 180 x 238 x 476.5 | 7 x 9 3/8 x 18 3/4 |
| B | Weight/unit (avg.) | 31 kg | 70 lb |
| | Area/layer | 0.71 m ² | 7.69 ft ² |
| C | Area/cube | 3.55 m² | 5 Rows |
| | Length/cube | 19.85 lin. m | 65.10 lin. ft |
| | Weight/cube | 1580 kg | 3567 lb |

| Code | Colour |
|----------|---------------------|
| 16251289 | Range Amber Beige |
| 16251060 | Range Newport Grey |
| 16251399 | Range Scandina Grey |

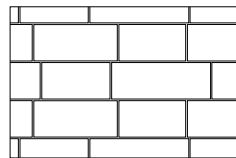
Full bundle only
Can be double stacked
Production location St-Eustache



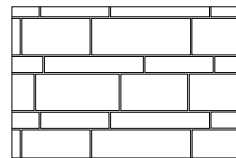
Laying Patterns



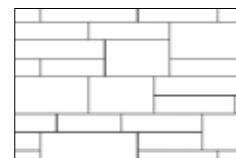
Linear
100% Vario 90



Linear
100% Vario 180



Linear
50% Vario 90 and 50% Vario 180



Modular
50% Vario 90 and 50% Vario 180

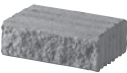
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Vario Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

The information contained in these technical documents is supplied for information purposes only. Any application of the information is the sole responsibility of the installer. The installer must ensure that the installation and use of retaining wall projects comply with local regulations and code requirements. A qualified engineer must be consulted for final design for construction purposes. Oldcastle Building Products Canada, Inc. and its affiliates cannot be held responsible for the improper use of information contained in these technical documents.

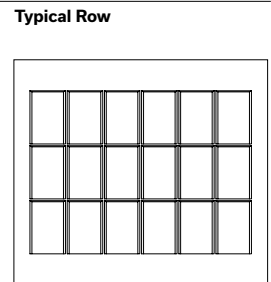
Wallstone® Wall




| Standard | Dimensions mm | Dimensions in. |
|-----------------------------------------------------------------------------------|------------------|----------------------------|
|  | 100 x 200 x 300 | 3 15/16 x 7 7/8 x 11 13/16 |
| Weight/unit | 13.3 kg | 29.3 lb |
| Unit/area | - | 3.10 units/ft ² |
| Area/cube | - | 34.80 ft ² |
| Length/cube | - | 106.30 lin. ft |
| Qty/cube | 108 units | 108 units |
| Weight/cube | 1436 kg | 3165 lb |

| Code | Colour |
|----------|-------------------|
| 16259322 | Desert Grey Blend |
| 16259323 | Granite Blend |

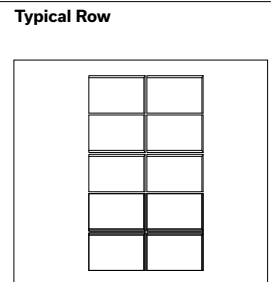
Sold by - 36 pieces
Split charges apply
Production location Cambridge



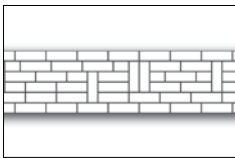
| Corner/Column | Dimensions mm | Dimensions in. |
|-------------------------------------------------------------------------------------|-----------------|----------------------------|
|  | 100 x 200 x 300 | 3 15/16 x 7 7/8 x 11 13/16 |
| Weight/unit | 13.10 kg | 28.90 lb |
| Unit/area | - | 0.54 ft ² |
| Qty/cube | 36 units | 36 units |
| Weight/cube | 595 kg | 1312 lb |

| Code | Colour |
|----------|-------------------|
| 16259316 | Desert Grey Blend |
| 16259317 | Granite Blend |

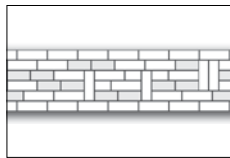
Sold by piece
Split charges apply
Production location Cambridge



Laying Patterns



PATTERN 1: WALL ART 1
Place Wallstone standard units vertically and horizontally to create interesting patterns within the wall.



PATTERN 2: WALL ART 2
Add an additional dimension to your wall by including Wedgestone wall units in your pattern (shaded). Consider recessing blocks to add further distinction. Except for the coping course, it is not recommended to set units forward beyond the front of the base course.

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Wallstone Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Applications: Retaining walls MAX 10 m (3.3 ft)

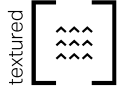
Additional details: See our landscaping installation guide on our website.

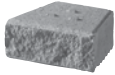
Wallstone and Wedgestone Wall can be used separately or in combination for greater flexibility.

Features: Suitable for gravity or grid, vertical or setback, straight or curved walls. All Wallstone Wall units come pre-split. End grooves on Wallstone Standard Units maintain interlock between courses, even when placed vertically. 2/3 of Standard Units are also double rock-faced.

Tips: Patterned Wallstone walls can be stacked vertically up to 6 courses high.

Wedgestone Wall

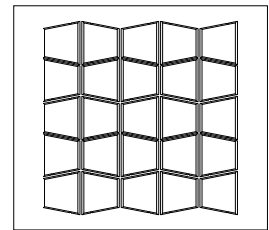


| Standard | Dimensions mm | Dimensions in. |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------|
|  | 100 x 200 x 231 - 153 | 3 15/16 x 7 7/8 x 9 3/32 - 6 |
| Weight/unit | 9.27 kg | 20.04 lb |
| Unit/area | - | 4.00 units/ft ² |
| Area/cube | - | 37.20 ft ² |
| Length/cube | - | 113.60 lin. ft |
| Qty/cube | 150 units | 150 units |
| Weight/cube | 1390kg | 3064 lb |

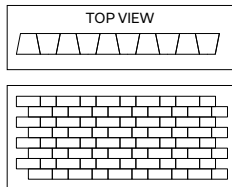
| Code | Colour |
|----------|-------------------|
| 16259334 | Desert Grey Blend |
| 16259335 | Granite Blend |

Sold by - 25 pieces
Split charges apply
Production location Cambridge

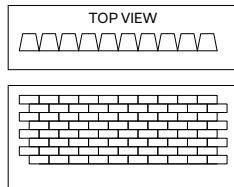
Typical Row



Laying Patterns



Pattern 1



Pattern 2

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Wedgestone Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Applications: Retaining walls MAX 0.7 m (2'4")

Wallstone and Wedgestone Wall can be used separately or in combination for greater flexibility.

Features: Suitable for gravity or grid, vertical or setback, straight or curved walls. All Wedgestone Wall units come pre-split. Wedgestone Wall units are 100% double rock-faced and reversible for inside and outside curves. Units create a 600 mm (2') outside radius without cutting.

Tips: 4 Wedgestone Wall units are required for a rounded 90° corner, 16 pcs for a full circle.





Accessories

- 72 **Lafitt Plus Capping and Step**
- 74 **Laguna Pool Capping**
- 73 **Leno Bullnose Capping**
- 73 **Leno Lafitt Capping**
- 73 **Leno Straight Capping**
- 74 **Marina Capping**
- 75 **Melville Plus Capping and Step**
- 76 **RB 24-inch Capping**
- 77 **Wallstone 12-inch Capping**
- 77 **Wedgestone Capping**

Lafitt® Plus Capping and Step



Capping

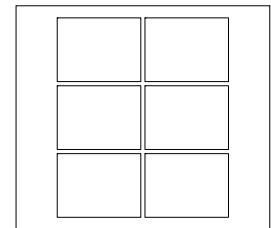


| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|----------------------|
| | 90 x 305 x 400 | 3 9/16 x 12 x 15 3/4 |
| Weight/unit | 26.97 kg | 59.4 lb |
| Units/length | 2.50 units/lin. m | 0.76 unit/lin. ft |
| Length/row | 2.40 lin. m | 7.88 lin. ft |
| Length/cube | 21.60 lin. m | 70.88 lin. ft |
| Qty/cube | 54 units | 9 Rows |
| Weight/cube | 1456 kg | 3210 lb |

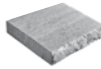
| Code | Colour |
|----------|---------------------|
| 16253731 | Range Margaux Beige |
| 16253724 | Range Newport Grey |
| 16253722 | Range Scandina Grey |
| 16253723 | Rockland Black |

Sold by piece
Split charges apply
Can be double stacked
Production location Metcalfe

Typical Row



Step

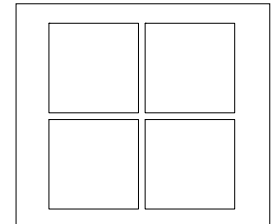


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|--------------------------|
| | 90 x 400 x 400 | 3 9/16 x 15 3/4 x 15 3/4 |
| Weight/unit | 35.69 kg | 78.6 lb |
| Length/cube | 14.40 lin. m | 47.25 lin. ft |
| Qty/cube | 36 units | 9 Rows |
| Weight/cube | 1285 kg | 2830 lb |

| Code | Colour |
|----------|---------------------|
| 16253704 | Range Margaux Beige |
| 16253703 | Range Newport Grey |
| 16253702 | Rockland Black |
| 16253701 | Range Scandina Grey |

Sold by piece
Split charges apply
Can be double stacked
Production location Metcalfe

Typical Row



TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|--------------------------------------------------------------|
| Lafitt Plus Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |
| Lafitt Plus Step | N/A | N/A | 35 MPa | 500 g/m ² | 2250 kg/m ³ | 5% | Length: ±2.0 mm Width: ±2.0 mm Height: -2.0 to +1.0 mm |

Additional details specific to this product are available by consulting our landscaping installation guide on our website

Leno Capping



smooth



textured



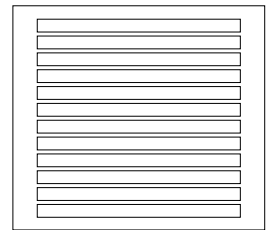
Bullnose



| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|-------------------|
| | 60 x 305 x 915 | 2 3/8 x 12 x 36 |
| Weight/unit | 40 kg | 88 lb |
| Unit/area | 3.58 units/lin. m | 0.33 unit/lin. ft |
| Length/row | 10.98 lin. m | 36 lin. ft |
| Length/cube | 21.96 lin. m | 72 lin. ft |
| Qty/cube | 24 units | 2 Rows |
| Weight/cube | 969 kg | 2136 lb |

| Code | Colour |
|---------------------------------|---------------------|
| 121000280 | Range Amber Beige |
| 121000278 | Range Shaded Grey |
| 121000277 | Range Scandina Grey |
| 121000279 | Rockland Black |
| Cannot be double stacked | |
| Production location St-Eustache | |

Typical Row



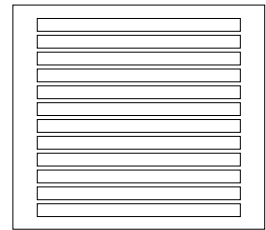
Straight



| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|-------------------|
| | 60 x 305 x 915 | 2 3/8 x 12 x 36 |
| Weight/unit | 39 kg | 85 lb |
| Unit/area | 3.58 units/lin. m | 0.33 unit/lin. ft |
| Length/row | 10.98 lin. m | 36 lin. ft |
| Length/cube | 21.96 lin. m | 72 lin. ft |
| Qty/cube | 24 units | 2 Rows |
| Weight/cube | 925 kg | 2038 lb |

| Code | Colour |
|---------------------------------|---------------------|
| 121000286 | Range Amber Beige |
| 121000285 | Range Scandina Grey |
| 121000284 | Rockland Black |
| Cannot be double stacked | |
| Production location St-Eustache | |

Typical Row



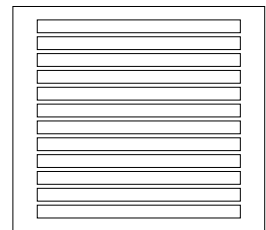
Lafitt



| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|-------------------|
| | 60 x 305 x 915 | 2 3/8 x 12 x 36 |
| Weight/unit | 39 kg | 85 lb |
| Unit/area | 3.58 units/lin. m | 0.33 unit/lin. ft |
| Length/row | 10.98 lin. m | 36 lin. ft |
| Length/cube | 21.96 lin. m | 72 lin. ft |
| Qty/cube | 24 units | 2 Rows |
| Weight/cube | 925 kg | 2038 lb |

| Code | Colour |
|---------------------------------|---------------------|
| 121000283 | Range Margaux Beige |
| 121000282 | Range Newport Grey |
| 121000281 | Rockland Black |
| Cannot be double stacked | |
| Production location St-Eustache | |

Typical Row



TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Leno Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

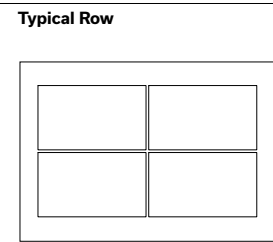
Laguna® Capping



| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|----------------------|
| | 60 x 360 x 610 | 2 3/8 x 14 3/16 x 24 |
| Weight/unit | 33 kg | 72 lb |
| Units/length | 1.64 units/lin. m | 0.50 unit/lin. ft |
| Length/row | 2.44 lin. m | 8.00 lin. ft |
| Length/cube | 17.08 lin. m | 56.00 lin. ft |
| Qty/cube | 28 units | 7 Rows |
| Weight/cube | 916 kg | 2015 lb |

| Code | Colour |
|----------|---------------|
| 10503053 | Alpine Grey |
| 10506372 | Sterling Grey |

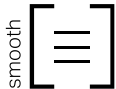
Sold by piece
Split charges apply
Production location Montreal



TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Laguna Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

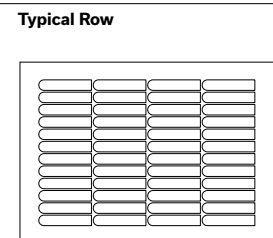
Marina® Capping



| | Dimensions mm | Dimensions in. |
|-----------------|-------------------|----------------------------|
| | 60 x 150 x 300 | 2 3/8 x 5 15/16 x 11 13/16 |
| Weight/unit | 6.3 kg | 13 lb |
| Units/length | 6.60 units/lin. m | 2.02 units/lin. ft |
| Length/row | 7.20 lin. m | 23.50 lin. ft |
| Length/cube | 21.60 lin. m | 70.50 lin. ft |
| Qty/cube | 144 units | 3 Rows |
| Weight/cube | 936 kg | 2059 lb |

| Code | Colour |
|-----------|---------------------|
| 121000140 | Range Scandina Grey |
| 10504189 | Rockland Black |

Sold by piece
Split charges apply
Cannot be double stacked
Production location Montreal



TECHNICAL INFORMATION

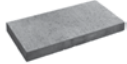
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Marina Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ³ | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

We do not recommend using Laguna Pool Capping as a step unit.
Additional details: See our landscaping installation guide on our website.

Melville® Plus Capping and Step



Plus Capping 60

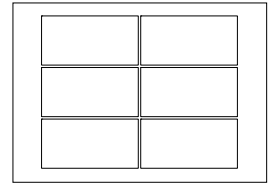


| | Dimensions mm | Dimensions in. |
|---------------------|-------------------|---------------------|
| | 60 x 305 x 600 | 2 3/8 x 12 x 23 5/8 |
| Weight/unit | 25 kg | 56 lb |
| Units/length | 1.67 units/lin. m | 0.51 unit/lin. ft |
| Length/row | 3.60 lin. m | 11.81 lin. ft |
| Length/cube (1) | 25.20 lin. m | 82.67 lin. ft |
| Qty/cube (1) | 42 units | 7 Rows |
| Weight/cube (1) | 1081 kg | 2381 lb |
| Length/cube (2) | 32.40 lin. m | 106.29 lin. ft |
| Qty/cube (2) | 54 units | 9 Rows |
| Weight/cube (2) | 1390 kg | 3061 lb |

| Code | Colour |
|-----------|-------------------------|
| 121000270 | Range Amber Beige (1) |
| 121000269 | Range Margaux Beige (2) |
| 121000267 | Range Newport Grey (2) |
| 121000268 | Range Scandina Grey (1) |
| 121000271 | Range Shaded Grey (2) |
| 121000266 | Rockland Black (2) |

Sold by piece - Split charges apply
Can be double stacked
Production locations: Metcalfe (1), Milton (2)

Typical Row



Plus Capping 90

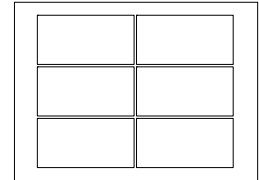


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|---------------------|
| | 90 x 305 x 600 | 2 3/8 x 12 x 23 5/8 |
| Weight/unit | 39 kg | 86 lb |
| Units/length | 0.6 unit/lin. m | 1.97 units/lin. ft |
| Length/row | 3.60 lin. m | 11.81 lin. ft |
| Length/cube | 25.20 lin. m | 82.67 lin. ft |
| Qty/cube | 42 units | 7 Rows |
| Weight/cube | 1624 kg | 3580 lb |

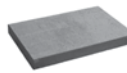
| Code | Colour |
|-----------|-------------------------|
| 121000150 | Range Amber Beige (1) |
| 121000149 | Range Newport Grey (2) |
| 121000148 | Range Scandina Grey (1) |
| 121000147 | Rockland Black (2) |

Sold by piece - Split charges apply
Can be double stacked
Production locations: Quebec (1), Milton (2)

Typical Row



Plus Step 60

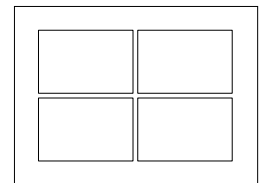


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|-------------------------|
| | 60 x 400 x 600 | 2 3/8 x 15 3/4 x 23 5/8 |
| Weight/unit | 33 kg | 72 lb |
| Length/cube | 16.80 lin. m | 55.09 lin. ft |
| Qty/cube | 28 units | 7 Rows |
| Weight/cube | 947 kg | 2083 lb |

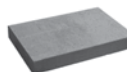
| Code | Colour |
|----------|---------------------|
| 16253931 | Range Amber Beige |
| 16253918 | Range Scandina Grey |
| 16253919 | Range Shaded Grey |
| 16253917 | Rockland Black |

Sold by piece - Split charges apply
Can be double stacked
Production location Metcalfe

Typical Row



Plus Step 90

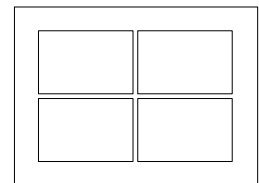


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|--------------------------|
| | 90 x 400 x 600 | 3 9/16 x 15 3/4 x 23 5/8 |
| Weight/unit | 50 kg | 109 lb |
| Length/cube | 16.80 lin. m | 55.09 lin. ft |
| Qty/cube | 28 units | 7 Rows |
| Weight/cube | 1418 kg | 3126 lb |

| Code | Colour |
|----------|---------------------|
| 16253734 | Range Amber Beige |
| 16253739 | Range Margaux Beige |
| 16253932 | Range Newport Grey |
| 16253733 | Range Scandina Grey |
| 16253737 | Range Shaded Grey |
| 16253738 | Rockland Black |

Sold by piece - Split charges apply
Can be double stacked
Production location Metcalfe

Typical Row



TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|--------------------------------------------------------------|
| Melville Plus Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |
| Melville Plus Step | N/A | N/A | 35 MPa | 500 g/m ² | 2250 kg/m ³ | 5% | Length: ±2.0 mm Width: ±2.0 mm Height: -2.0 to +1.0 mm |

Additional details specific to this product are available by consulting our landscaping installation guide on our website.

RB 24 inch Wall Capping



Pre-Split

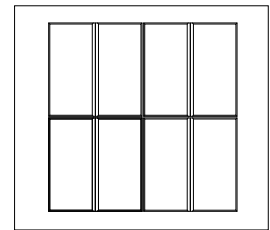


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|----------------------------|
| | 75 x 300 x 610 | 2 15/16 x 11 7/8 x 24 |
| Weight/unit | 29.75 kg | 65.56 lb |
| Unit/area | - | 2.00 units/ft ² |
| Length/cube | - | 64.0 lin. ft |
| Qty/cube | 32 units | 32 units |
| Weight/unit | 952 kg | 2098 lb |

| Code | Colour |
|----------|-------------------|
| 16251369 | Grey |
| 16251367 | Desert Grey Blend |
| 16251368 | Granite Blend |
| 16251874 | Sierra Black |

Sold by layer (8 units)
Can be double stacked
Production location Cambridge

Typical Row




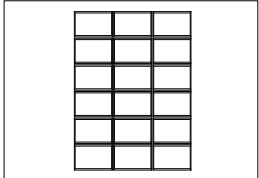
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| RB 24-inch Wall Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Additional details: See our landscaping installation guide on our website.

Wallstone 12 inch Capping



| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|------------------|----------------------------|-------------------------------|-------------------|-------------------------------------------------------------------------------------|
|  | 100 x 200 x 300 | 3 15/16 x 7 7/8 x 11 13/16 | 16259305 | Desert Grey Blend |  |
| Weight/unit | 13.10 kg | 28.90 lb | 16259306 | Granite Blend | |
| Units/length | - | 3.1 units/ft ² | Sold by 18 pieces | | |
| Length/row | - | 106.30 lin. ft | Split charges apply | | |
| Qty/cube | 108 units | 108 units | Production location Cambridge | | |
| Weight/cube | 1433 kg | 3159 lb | | | |

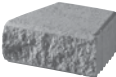
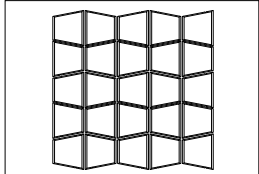
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Wallstone 12-inch Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Accessories

Wedgestone Capping



| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-------------------------------------------------------------------------------------|-----------------------|------------------------------|-------------------------------|-------------------|---------------------------------------------------------------------------------------|
|  | 100 x 200 x 231 / 153 | 3 15/16 x 7 7/8 x 9 3/32 / 6 | 16259328 | Desert Grey Blend |  |
| Weight/unit | 8.35 kg | 18.40 lb | 16259329 | Granite Blend | |
| Length/cube | - | 113.60 lin. ft | Sold by 25 pieces | | |
| Qty/cube | 150 units | 150 units | Split charges apply | | |
| Weight/cube | 1390 kg | 3064 lb | Production location Cambridge | | |
| | | | | | |

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Wedgestone Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

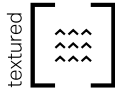



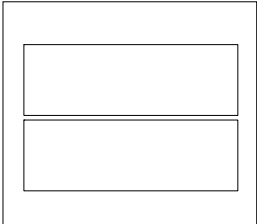


Mega Steps

- 80 **Mega Lafitt Plus**
- 81 **Mega Melville Plus**
- 82 **Valentia**

Mega Lafitt® Plus Step



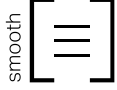
| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|------------------|----------------|-----------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|
|  | 180 x 406 x 1219 | 7 x 16 x 48 | 16204026 | Range Margaux Beige |  |
| Weight/unit | 201 kg | 444 lb | 16203211 | Range Newport Grey | |
| Length/cube | 7.31 lin. m | 24 lin. ft | 16204028 | Rockland Black | |
| Qty/cube | 6 units | 3 Rows | | | |
| Weight/cube | 1208 kg | 2663 lb | | | |
| | | | Sold by piece Split charges apply Production location Woodstock | | |


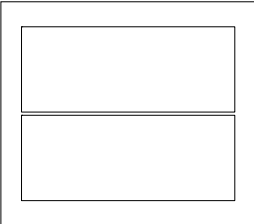
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------|----------|-------------------|----------------------|---------------------------------------|------------------------|------------|--------------------------------------------------------------|
| Mega Lafitt Plus Step | N/A | N/A | 35 MPa | 500 g/m ² | 2250 kg/m ³ | 5% | Length: ±2.0 mm Width: ±2.0 mm Height: -2.0 to +1.0 mm |

Given the weight of this step unit, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation), or specialized handling equipment such as a clamp adapted for this type of product. The Grande wall unit clamp can also be used. Additional details: See our landscaping installation guide on our website.

Mega Melville® Plus Step



| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row | |
|-----------------------------------------------------------------------------------|------------------|----------------|------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|--------------------|
|  | 180 x 406 x 1219 | 7 x 16 x 48 | 10050116 | Range Scandina Grey |  | |
| Weight/unit | 203 kg | 447 lb | 10050113 | Range Amber Beige | | |
| Length/cube | 7.31 lin. m | 24 lin. ft | 10050111 | Rockland Black | | |
| Qty/cube | 6 units | 3 Rows | 6 units | 10050092 | | Range Newport Grey |
| Weight/cube | 1243 kg | 2740 lb | 10050112 | Range Shaded Grey | | |
| | | | Sold by piece Only 22 skids/truck Split charges apply Production location St-Eustache | | | |

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------|----------|-------------------|----------------------|---------------------------------------|------------------------|------------|--------------------------------------------------------------|
| Mega Melville Plus Step | N/A | N/A | 35 MPa | 500 g/m ² | 2250 kg/m ³ | 5% | Length: ±2.0 mm Width: ±2.0 mm Height: -2.0 to +1.0 mm |

Given the weight of this step unit, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation), or specialized handling equipment such as a clamp adapted for this type of product. The Grande wall unit clamp can also be used. Additional details: See our landscaping installation guide on our website.

Valentia Step



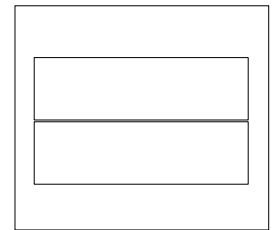
Solid Step



| | Dimensions mm | Dimensions in. |
|-------------|------------------|----------------------|
| | 175 x 350 x 1200 | 6.89 x 13.78 x 47.24 |
| Weight/unit | 183.4 kg | 404.4 lb |
| Qty/cube | 6 units | 6 units |
| Weight/cube | 1100.4 kg | 2431.9 lb |

| Code | Colour |
|-------------------------------|--------------|
| 10503269 | Sorrento |
| 10507862 | Sierra Black |
| Sold in full cubes only | |
| Production location Cambridge | |

Typical Row



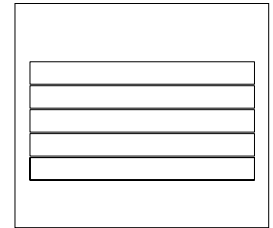
Terrace Step



| | Dimensions mm | Dimensions in. |
|-------------|------------------|----------------------|
| | 150 x 500 x 1500 | 5.91 x 19.69 x 59.06 |
| Weight/unit | 129.20 kg | 284.80 lb |
| Qty/cube | 5 units | 5 units |
| Weight/cube | 646 kg | 1424 lb |

| Code | Colour |
|-------------------------------|--------------|
| 10500972 | Sorrento |
| 10507863 | Sierra Black |
| Sold in full cubes only | |
| Production location Cambridge | |

Typical Row

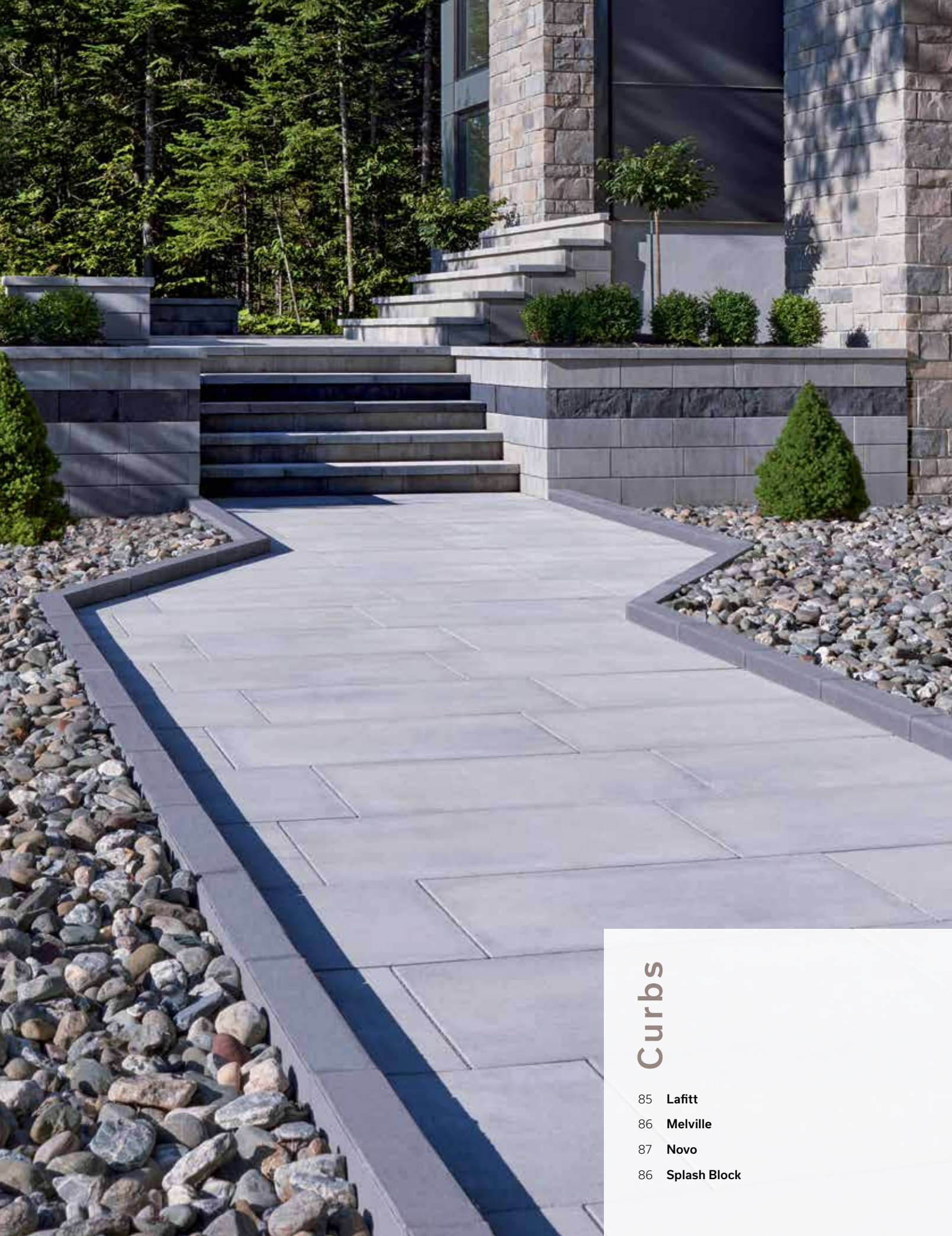


Laid on their side

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------|----------|-------------------|----------------------|---------------------------------------|------------------------|------------|--------------------------------------------------------------|
| Valentia Step | N/A | N/A | 35 MPa | 500 g/m ² | 2250 kg/m ³ | 5% | Length: ±2.0 mm Width: ±2.0 mm Height: -2.0 to +1.0 mm |

Additional details: See our landscaping installation guide on our website.



Curbs

- 85 Lafitt
- 86 Melville
- 87 Novo
- 86 Splash Block

Lafitt® Curb



| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|--------------------|---------------------|------------------------|------------------------------|---------------------|-------------|
| | 125 x 115 x 600 | 4 7/8 x 4 1/2 x 23 5/8 | | Prestige | |
| Weight/unit | 20 kg | 43 lb | 12053556 | Rockland Black | |
| Units/length | 1.67 units/lin. m | 0.51 unit/lin. ft | 12053567 | Range Margaux Beige | |
| Length/row | 8.39 lin. m | 27.51 lin. ft | | Standard | |
| Length/cube | 33.56 lin. m | 110.04 lin. ft | 12053547 | Range Newport Grey | |
| Qty/cube | 56 units | 56 units | Sold by layer | | |
| Weight/cube | 1100 kg | 2424 lb | Split charges apply | | |
| | | | Production location Montreal | | |

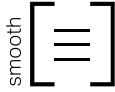
| Typical Row | |
|-------------|--|
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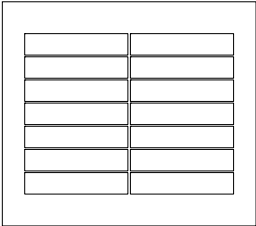
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------|----------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Lafitt Curb | N/A | N/A | 30 MPa | 500 g/m ² | 2250 kg/m ² | 5% | Length: ±2,0 mm Width: ±2,0 mm Height: ±2,0 mm |

Additional details specific to this product are available by consulting our landscaping installation guide on our website.

Melville® Curb



| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|---------------------|------------------------|----------|---------------------|-------------------------------------------------------------------------------------|
|  | 125 x 115 x 600 | 4 7/8 x 4 1/2 x 23 5/8 | | Prestige |  |
| Weight/unit | 20 kg | 45 lb | 12053564 | Range Amber Beige | |
| Units/length | 1.67 units/lin. m | 0.51 unit/lin. ft | 12052496 | Rockland Black | |
| Length/row | 8.39 lin. m | 27.51 lin. ft | 12052101 | Range Scandina Grey | |
| Length/cube | 33.56 lin. m | 110.04 lin. ft | | Standard | |
| Qty/cube | 56 units | 56 units | 12053563 | Range Shaded Grey | |
| Weight/cube | 1137 kg | 2503 lb | | | |

Sold by layer
Split charges apply
Can be double stacked
Production location Montreal

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------|----------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Melville Curb | N/A | N/A | 30 MPa | 500 g/m ² | 2250 kg/m ² | 5% | Length: ±2,0 mm Width: ±2,0 mm Height: ±2,0 mm |

Additional details specific to this product are available by consulting our landscaping installation guide on our website.

Novo Curb



| | Dimensions mm | Dimensions in. |
|--------------------|---------------------|--------------------------|
| | 178 x 152.5 x 610 | 7 x 6 x 24 in |
| Weight/unit | 39 kg | 85 lb |
| Units/length | 0.61 lin. m | 2 lin. ft |
| Length/row | 7.32 lin. m | 24 lin. ft |
| Length/cube | 29.28 lin. m | 4 Rows 96 lin. ft |
| Qty/cube | 48 units | 48 units |
| Weight/cube | 1884 kg | 4154 lb |

| Code | Colour |
|----------------------------|---------------------|
| Prestige | |
| 122000013 | Range Amber Beige |
| 122000011 | Rockland Black |
| 122000012 | Range Scandina Grey |
| Sold by layer | |
| Production location Quebec | |

| Typical Row | |
|-------------|--|
| | |
| | |
| | |
| | |
| | |
| | |

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------|----------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Novo Curb | N/A | N/A | 30 MPa | 500 g/m ² | 2250 kg/m ² | 5% | Length: ±2,0 mm Width: ±2,0 mm Height: ±2,0 mm |

Additional details specific to this product are available by consulting our landscaping installation guide on our website.

Splash Block



| | Dimensions mm | Dimensions in. | Code | Colour |
|-------------|----------------------|-----------------------|-------------------------------|---------------|
| | 60 x 285 x 600 | 2.36 x 11.22 x 23.62 | 12059049 | Natural |
| Weight/unit | 21 kg | 45 lb | Sold in full cubes only | |
| Qty/cube | 48 units | 48 units | Production location Woodstock | |
| Weight/cube | 987 kg | 2175 lb | | |





Mirage


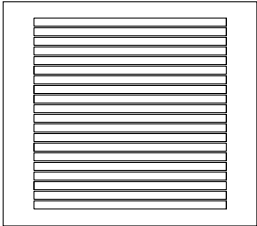
90 **Mirage Noon**

91 **Mirage Quarziti 2.0**

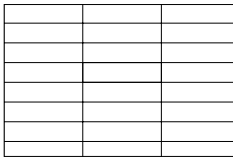
Porcelain tiles, natural stone finishes and wood texture bring materials in harmony with nature.

Mirage Porcelain Tiles Noon

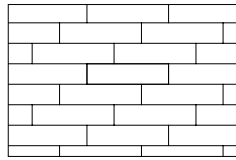


| | Dimensions mm | Dimensions in. | Code | Colour | Typical Row |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------|----------------------------|----------|-------------------------------------------------------------------------------------|
|  | 20 x 300 x 1200 | 3/4 x 11 13/16 x 47 1/4 | 43755243 | Daylight |  |
| Weight/unit | 17 kg | 37 lb | 43755244 | Ember | |
| Area/unit | 0.36 m ² | 3.88 ft ² | Sold by box of two units | | |
| Surface/box | 0.72 m ² | 7.75 ft ² | Split charges apply | | |
| Area/cube | 25.92 m² | 279 ft² | Production location Milton | | |
| Qty/cube | 36 boxes | 36 boxes | | | |
| Weight/cube | 1208 kg | 2664 lb | | | |

Laying Patterns



Checkerboard



Linear

Mirage Porcelain Tiles are designated exclusively for pedestrian applications. Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Mirage Porcelain Tiles are not designed for installation on pedestals. Mirage spacers (70660258) - 35 spacers are required per 100 sq.ft. Additional details: See our landscaping installation guide on our website

Mirage Porcelain Tiles Quarziti 2.0



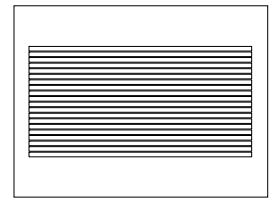
Large Rectangle 600 x 1200



| | Dimensions mm | Dimensions in. |
|-----------------|----------------------|------------------------|
| | 20 x 600 x 1200 | 3/4 x 23 5/8 x 47 1/4 |
| Weight/unit | 33 kg | 74 lb |
| Area/unit | 0.72 m ² | 7.75 ft ² |
| Area/cube | 25.20 m ² | 271.25 ft ² |
| Qty/cube | 35 boxes | 35 boxes |
| Weight/cube | 1207 kg | 2656 lb |

| Code | Colour |
|-------------------------|---------------|
| 43750638 | Glacier (2) |
| 43750338 | Waterfall (2) |
| 43750337 | Mantle (1) |
| Sold by box of one unit | |
| Split charges apply | |
| Production locations: | |
| Montreal (1) | |
| Milton (2) | |

Typical Row



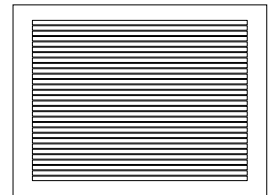
Large Square 600 x 600



| | Dimensions mm | Dimensions in. |
|-----------------|----------------------|------------------------|
| | 20 x 600 x 600 | 3/4 x 23 5/8 x 23 5/8 |
| Weight/unit | 17 kg | 37 lb |
| Area/unit | 0.36 m ² | 3.88 ft ² |
| Area/cube | 21.60 m ² | 232.50 ft ² |
| Qty/cube | 30 boxes | 30 boxes |
| Weight/cube | 1034 kg | 2280 lb |

| Code | Colour |
|-----------------------------|-----------|
| 43750931 | Glacier |
| 43750462 | Waterfall |
| Sold by box of two units | |
| Split charges apply | |
| Production location: Milton | |

Typical Row



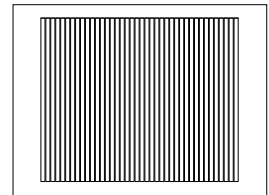
Pool Capping 330 x 600



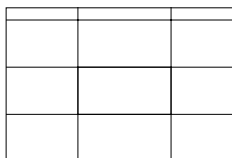
| | Dimensions mm | Dimensions in. |
|-----------------|----------------------|------------------------|
| | 20 x 330 x 600 | 3/4 x 13 x 23 5/8 |
| Weight/unit | 9 kg | 20 lb |
| Area/unit | 0.20 m ² | 2.13 ft ² |
| Area/cube | 23.75 m ² | 255.75 ft ² |
| Qty/cube | 40 boxes | 40 boxes |
| Weight/cube | 1080 kg | 2400 lb |

| Code | Colour |
|----------------------------|-----------|
| 43755036 | Glacier |
| 43755034 | Mantle |
| 43755063 | Waterfall |
| Sold by box of three units | |
| Split charges apply | |
| Production location Milton | |

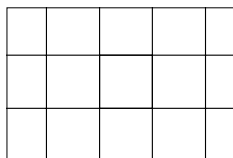
Typical Row



Laying Patterns



Checkerboard 600 x 1200



Checkerboard 600 x 600

Mirage Porcelain Tiles are designated exclusively for pedestrian applications. Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Mirage Porcelain Tiles are not designed for installation on pedestals. Additional details: See our landscaping installation guide on our website

Polymeric Sands



| Polymeric Sand SMARTSAND | | | CODE | COLOUR |
|--------------------------|----------|-------|----------|------------|
| Weight per bag | 22.73 kg | 50 lb | 40101218 | Tan |
| Bags/cube | 56 bags | | 40101219 | Granite |
| | | | 40101220 | Urban Grey |

| Polymeric Sand HP NextGel | | | CODE | COLOUR |
|---------------------------|----------|-------|----------|------------|
| Weight per bag | 22.73 kg | 50 lb | 40100596 | Tan |
| Bags/cube | 56 bags | | 40100597 | Granite |
| | | | 40100598 | Urban Grey |
| | | | 40105613 | Ivory |
| | | | 40108003 | Black |

| NOCO Jointing Product | | | CODE | COLOUR |
|-----------------------|----------|-------|----------|------------|
| Weight per bag | 22.73 kg | 50 lb | 40104121 | Desert Tan |
| Bags/cube | 56 bags | | 40104120 | Iron Grey |

| EDGE BOND | | | CODE | COLOUR |
|----------------|---------|-------|----------|--------|
| Weight per bag | 22.7 kg | 50 lb | 70972432 | Grey |
| Bags/cube | 56 bags | | | |

| STORM Jointing Compound | | | CODE | COLOUR |
|-------------------------|------------|-------|-----------|---------|
| Weight per bucket | 18.1 kg | 40 lb | 40105082 | Tan |
| Buckets/cube | 50 buckets | | 40105084 | Granite |
| | | | 141000028 | Ivory |
| | | | 40100613 | Black |

QUANTITY CHART FOR FILLING JOINTS FOR SLABS AND PAVERS SURFACE PER BAG OF 22.7 KG (50 LB)

| PAVERS | Techniseal Polymeric Sands |
|-----------------------------------------|---------------------------------------------|
| Brooklyn Paver | 70 ft ² (6.5 m ²) |
| Capio Paver | 108 ft ² (10.2 m ²) |
| Cassara Large Rectangle Paver | 62 ft ² (5.73 m ²) |
| Eko Small Rectangle Paver | 76 ft ² (7.2 m ²) |
| Eko Paver | 51 ft ² (4.7 m ²) |
| Esbelto DuraFusion Paver | 124 ft ² (11.53 m ²) |
| Kensington Paver | 47 ft ² (4.36 m ²) |
| Kensington Smooth Paver | 37 ft ² (3.44 m ²) |
| Mega Melville Paver | 217 ft ² (30.19 m ²) |
| Melia 6 x 6 DuraFusion Paver <i>New</i> | 95 ft ² (8.80 m ²) |
| Melville 60 Small Rectangle Paver | 103 ft ² (9.60 m ²) |
| Melville 80 Paver | 116 ft ² (10.79 m ²) |
| Melville 80 Small Rectangle Paver | 77 ft ² (7.20 m ²) |
| Melville 80 DuraFusion Paver | 116 ft ² (10.79 m ²) |
| Melville Classic Paver | 65 ft ² (6.08 m ²) |
| Melville Plank Paver - Large | 79 ft ² (7.32 m ²) |
| Melville Plank Paver - Slim | 54 ft ² (5.06 m ²) |
| Mondrian Plus 60 Small Rectangle Paver | 38 ft ² (3.56 m ²) |
| Mondrian Plus 80 Paver | 43 ft ² (3.99 m ²) |
| Mondrian Plus 80 Small Rectangle Paver | 29 ft ² (2.67 m ²) |
| Niagara 60 Paver | 82 ft ² (7.59 m ²) |
| Trafalgar 60 Paver | 122 ft ² (11.37 m ²) |
| Vendome 80 Paver | 33 ft ² (3.06 m ²) |
| Vendome 60 Paver | 44 ft ² (4.08 m ²) |

| SLABS | Techniseal Polymeric Sands |
|------------------------------------------|---------------------------------------------|
| Cassara Large Rectangle Slab | 103 ft ² (12.16 m ²) |
| City Slab | 147 ft ² (13.63 m ²) |
| Esbelto DuraFusion Slab | 165 ft ² (15.37 m ²) |
| Mega Melville Slab | 289 ft ² (26.92 m ²) |
| Melia DuraFusion Slab <i>New</i> | 280 ft ² (26.00 m ²) |
| Melia 18 x 36 DuraFusion Slab <i>New</i> | 373 ft ² (34.66 m ²) |
| Melville 24 x 24 Slab | 248 ft ² (23.04 m ²) |
| Melville 60 Slab | 155 ft ² (14.39 m ²) |
| Melville 60 DuraFusion Slab | 155 ft ² (14.39 m ²) |
| Metrik Slab | 55 ft ² (5.10 m ²) |
| Mondrian Plus 60 Slab | 57 ft ² (5.31 m ²) |
| Rosebel Slab | 75 ft ² (6.36 m ²) |
| Wilfrid Slab | 244 ft ² (22.68 m ²) |
| Vertex Slab | 181 ft ² (16.84 m ²) |



Elements™

- 94 **Beltis Fire Pit Kit**
- 95 **Bordeaux Brick Oven**
- 95 **Bordeaux Fireplace**
- 96 **Bordeaux Grill Island**
- 96 **Bordeaux Wood Boxes**

Make the outdoor cozier with Permacon products that takes your landscaping to the next level with distinctive design elements, comfort and functionality.

Beltis® Fire Pit Kit



| | Dimensions mm | Dimensions in. |
|-------------|---------------|----------------|
| | 305 x 1092 | 12 x 43 |
| Qty/cube | 1 kit | 1 kit |
| Weight/cube | 363 kg | 800 lb |

| Code | Colour |
|----------|--------------|
| 12052855 | Earth Blend |
| 12052854 | Shadow Blend |

This kit includes the metal ring, concrete units and spark screen
Production location Woodstock

Bordeaux Brick Oven

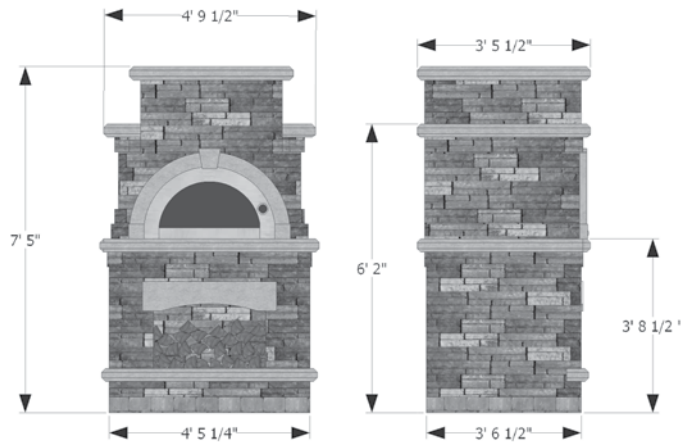


Special order only

| | |
|-----------------------|--------------|
| Dimensions in. | 92 x 42 x 53 |
| Weight | 5252 lb |

| Code | Colour |
|-------------|-----------------------|
| 13000014 | Sienna - Base and Top |
| 13000009 | Sienna - Base |
| 13020100 | Sienna - Top |

Packaged on 2 pallets
Production location Milton



Bordeaux Fireplace

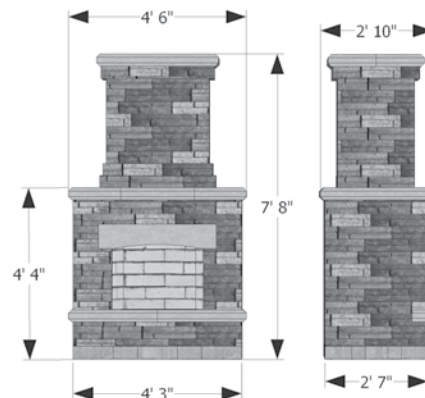


Special order only

| | |
|-----------------------|--------------|
| Dimensions in. | 92 x 31 x 51 |
| Weight | 4170 lb |

| Code | Colour |
|-------------|-----------------------|
| 13070014 | Sienna - Base and Top |
| 13070009 | Sienna - Base |
| 13020101 | Sienna - Top |

Packaged on 2 pallets
Production location Milton



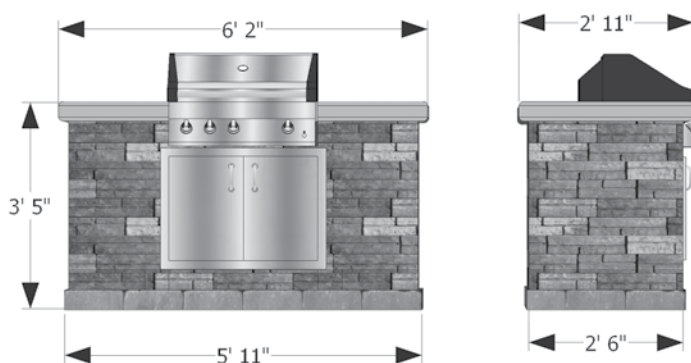
Bordeaux Grill Island



Special order only

| Dimensions in. | 41 x 30 x 71 | Code | Colour |
|----------------|--------------|----------|----------------------|
| Weight | 3055 lb | 13110014 | Sienna - Natural gas |
| | | 13110015 | Sienna - Propane |

Packaged on 2 pallets
Production location Milton



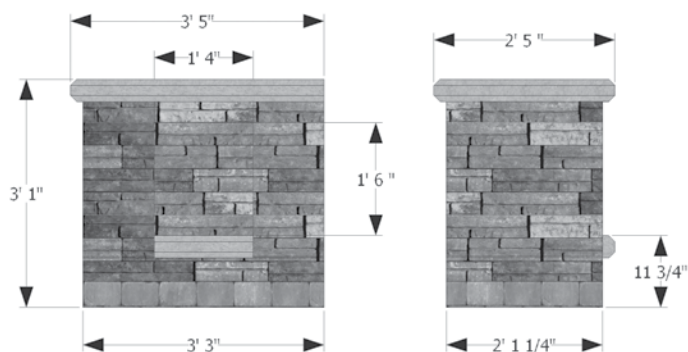
Bordeaux Wood Boxes



Special order only

| Dimensions in. | 37 x 25 x 39 | Code | Colour |
|----------------|--------------|----------|--------|
| Weight | 3070 lb | 13140020 | Sienna |

Packaged on 1 pallet
Production location Milton



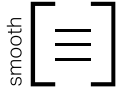


Architectural Landscaping

- 99 **Agora Paver**
- 101 **Agora Aqua Paver**
- 102 **AquaPave Paver**
- 103 **Boulevard 300 Paver**
- 106 **Boulevard 500 Paver**
- 107 **Boulevard Drain Paver**
- 108 **Boulevard Hexagon Paver** *New*
- 109 **Boulevard Striated Paver**
- 110 **Boulevard Verde Paver**
- 111 **Boulevard TLI 90 Paver**
- 112 **Boulevard TLI 100 Paver**
- 114 **Boulevard TLI 150 Paver**
- 116 **Boulevard TLI 90 Paver Crescendo 320**
- 117 **Boulevard TLI 100 Paver Crescendo 300**
- 118 **Boulevard TLI 150 Paver Crescendo 125**
- 119 **Boulevard TLI 150 Paver Crescendo 320**
- 120 **Boulevard TLI 200 Paver Crescendo 300**
- 121 **Paleo-Tec Paver**
- 122 **Vertex Paver**
- 123 **Keystone Wall**
- 123 **Keystone Capping**
- 124 **SmartCast Reflect Slab**
- 125 **Urban Slab**
- 126 **Versailles Slab**
- 127 **Pedestals**
- 128 **Institutional Curbs**

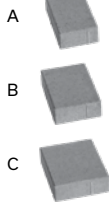


Agora Paver



Light Commercial

80 mm



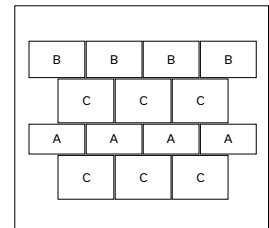
| | Dimensions mm | Dimensions in. |
|--------------------|----------------------------|------------------------------------|
| A | 80 x 167 x 300 | 3 1/8 x 6 9/16 x 11 |
| B | 80 x 200 x 300 | 3 1/8 x 7 7/8 x 11 |
| C | 80 x 233 x 300 | 3 1/8 x 9 3/16 x 11 |
| Weight/unit (avg.) | 11 kg | 25 lb |
| Unit/area (avg.) | 13.27 units/m ² | 1.51 units/ft ² |
| Area/layer | 0.86 m ² | 9.26 ft ² |
| Area/cube | 6.88 m² | 8 Rows 74.08 ft² |
| Length/row | 4.20 lin. m | 13.78 lin. ft |
| Length/cube | 33.60 lin. m | 110.24 lin. ft |
| Weight/cube | 1265 kg | 2790 lb |

Colour

| |
|---------------------|
| Rockland Black |
| Range Amber Beige |
| Range Shaded Grey |
| Range Scandina Grey |

A, B, C are sold together

Typical Row



Large Rectangle 80 mm

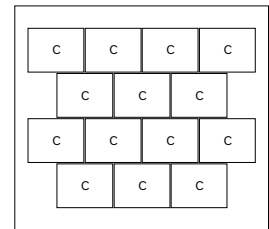


| | Dimensions mm | Dimensions in. |
|------------------|----------------------------|------------------------------------|
| | 80 x 233 x 300 | 3 1/8 x 9 3/16 x 11 |
| Weight/unit | 13 kg | 28 lb |
| Unit/area (avg.) | 14.28 units/m ² | 1.33 units/ft ² |
| Area/layer | 0.98 m ² | 10.55 ft ² |
| Area/cube | 7.84 m² | 8 Rows 84.40 ft² |
| Length/row | 4.20 lin. m | 13.78 lin. ft |
| Length/cube | 33.60 lin. m | 110.24 lin. ft |
| Qty/cube | 112 units | 112 units |
| Weight/cube | 1815 kg | 4002 lb |

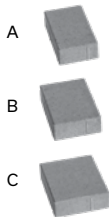
Colour

| |
|---------------------|
| Rockland Black |
| Range Amber Beige |
| Range Shaded Grey |
| Range Scandina Grey |

Typical Row



100 mm



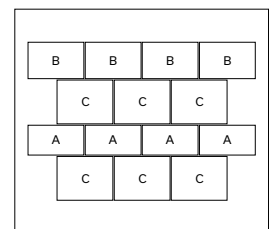
| | Dimensions mm | Dimensions in. |
|--------------------|----------------------------|-------------------------------------|
| A | 100 x 167 x 300 | 4 x 6 9/16 x 11 |
| B | 100 x 200 x 300 | 4 x 7 7/8 x 11 |
| C | 100 x 233 x 300 | 4 x 9 3/16 x 11 |
| Weight/unit (avg.) | 13 kg | 29 lb |
| Unit/area (avg.) | 13.27 units/m ² | 1.51 units/ft ² |
| Area/layer | 0.86 m ² | 9.26 ft ² |
| Area/cube | 8.60 m² | 10 Rows 92.60 ft² |
| Length/row | 4.20 lin. m | 13.78 lin. ft |
| Length/cube | 42 lin. m | 137.80 lin. ft |
| Weight/cube | 1898 kg | 4184 lb |

Colour

| |
|---------------------|
| Rockland Black |
| Range Amber Beige |
| Range Shaded Grey |
| Range Scandina Grey |

A, B, C are sold together

Typical Row



Make sure that when using mixed bundle, Large Rectangle will be required to fill voids

Agora Paver - cont'd

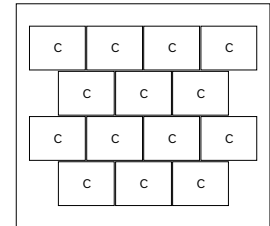
**Large Rectangle
100 mm**



| | Dimensions mm | Dimensions in. |
|------------------|----------------------------|------------------------------|
| | 100 x 233 x 300 | 4 x 9 3/16 x 11 |
| Weight/unit | 15.6 kg | 33.1 lb |
| Unit/area (avg.) | 14.28 units/m ² | 1.33 units/ft ² |
| Area/layer | 0.98 m ² | 10.55 ft ² |
| Area/cube | 9.80 m² | 10 Rows |
| | | 105.50 ft² |
| Length/row | 4.20 lin. m | 13.78 lin. ft |
| Length/cube | 42 lin. m | 137.80 lin. ft |
| Qty/cube | 140 units | 140 units |
| Weight/cube | 2184 kg | 4704 lb |

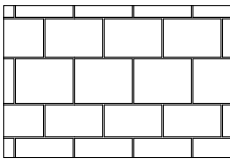
| Colour |
|---------------------|
| Rockland Black |
| Range Amber Beige |
| Range Shaded Grey |
| Range Scandina Grey |

Typical Row



Make sure that when using mixed bundle, Large Rectangle will be required to fill voids

Laying Pattern



Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Agora Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Agora Aqua Paver



ASTM #8 Aggregate
jointing material

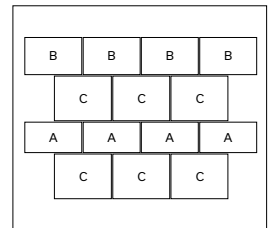


Light
Commercial

| | Dimensions mm | Dimensions in. |
|--------------------|----------------------------|------------------------------------|
| A | 80 x 167 x 300 | 3 1/8 x 6 9/16 x 11 |
| B | 80 x 200 x 300 | 3 1/8 x 7 7/8 x 11 |
| C | 80 x 233 x 300 | 3 1/8 x 9 3/16 x 11 |
| Weight/unit (avg.) | 11 kg | 25 lb |
| Unit/area (avg.) | 13.27 units/m ² | 1.51 units/ft ² |
| Area/layer | 0.86 m ² | 9.26 ft ² |
| Area/cube | 6.88 m² | 8 Rows 74.08 ft² |
| Length/row | 4.20 lin. m | 13.78 lin. ft |
| Length/cube | 33.60 lin. m | 110.24 lin. ft |
| Weight/cube | 1265 kg | 2789 lb |

| Colour |
|---------------------------|
| Rockland Black |
| Range Amber Beige |
| Range Shaded Grey |
| Range Scandina Grey |
| A, B, C are sold together |

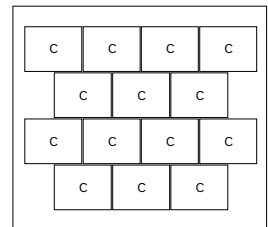
Typical Row



| | Dimensions mm | Dimensions in. |
|------------------------|----------------------------|-----------------------------------|
| Large Rectangle | 80 x 233 x 300 | 3 1/8 x 9 3/16 x 11 |
| Weight/unit (avg.) | 13 kg | 28 lb |
| Unit/area (avg.) | 14.28 units/m ² | 1.33 units/ft ² |
| Area/layer | 0.98 m ² | 10.55 ft ² |
| Area/cube | 7.84 m² | 8 Rows 84.40ft² |
| Length/row | 4.20 lin. m | 13.78 lin. ft |
| Length/cube | 33.60 lin. m | 110.24 lin. ft |
| Qty/cube | 112 units | 112 units |
| Weight/cube | 1440 kg | 3175 lb |

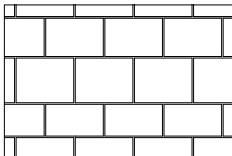
| Colour |
|---------------------------|
| Rockland Black |
| Range Amber Beige |
| Range Shaded Grey |
| Range Scandina Grey |
| A, B, C are sold together |

Typical Row



Make sure that when using mixed bundle, Large Rectangle will be required to fill voids

Laying Pattern



Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Agora Aqua Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

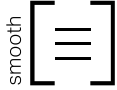
Joint spacing is 7 mm (0.28 in.) which allows an initial surface infiltration rate of +/- 13 300 mm/hr.

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

AquaPave® Paver



ASTM #8 Aggregate
jointing material



Light
Commercial

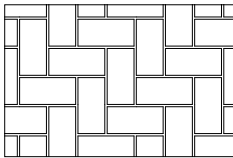


| | Dimensions mm | Dimensions in. |
|------------------|-------------------------------------------|-----------------------------|
| | 80 x 98 x 198 | 3 1/8 x 3 41/48 x 7 |
| Weight/unit | 3 kg | 8 lb |
| Area/unit | 0.42 m ² | 4.58 ft ² |
| Area/cube | 8.77 m² | 94.40 ft² |
| Length/cube | 132.60 lin. ft (rectangles only) | |
| Qty/cube | 464 units (400 rectangles. 64 half-stone) | |
| Weight/cube | 1608 kg | 3545 lb |

| Code | Colour |
|------------------------------------|---------|
| 10501969 | Natural |
| Call for custom colour information | |

Packaged in herringbone to facilitate mechanical installation

Laying Pattern



Running Bond

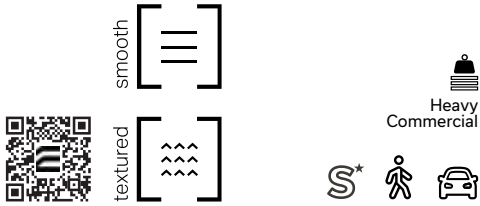
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| AquaPave Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Joint spacing is 6 mm (0.24 in.) which allows an initial surface infiltration rate of +/- 3 018 mm/hr.

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Boulevard 300 Paver



| smooth | Colour |
|--------|-------------------------|
| | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

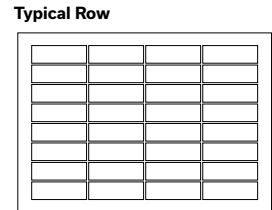
| textured | Colour |
|----------|----------------------------|
| | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech |

Custom colour available, call for information

| 100 x 300 | | Dimensions mm | Dimensions in. |
|-----------|----------------------|----------------------------|----------------------------|
| | A | 100 x 100 x 300 | 4 x 4 x 11 13/16 |
| | Unit/area | 33.33 units/m ² | 3.05 units/ft ² |
| | Cube ft ² | 72.33 | 10.33 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

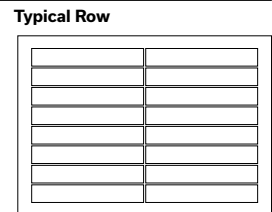
Sold separately



| 100 x 600 | | Dimensions mm | Dimensions in. |
|-----------|----------------------|----------------------------|----------------------------|
| | J | 100 x 100 x 600 | 4 x 4 x 23 5/8 |
| | Unit/area | 16.67 units/m ² | 1.52 units/ft ² |
| | Cube ft ² | 72.33 | 10.33 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

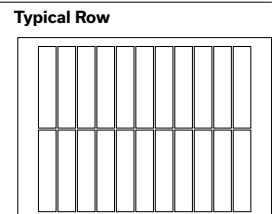
Sold separately



| 100 x 450 | | Dimensions mm | Dimensions in. |
|----------------------|----------------------|----------------------------|----------------------------|
| | B | 100 x 100 x 450 | 4 x 4 x 17 3/4 |
| | Unit/area | 22.22 units/m ² | 2.06 units/ft ² |
| | Cube ft ² | 85.28 | 10.66 per row |
| | Cube ft ² | 85.28 | 10.66 per row |
| Cube ft ² | 63.96 | 10.66 per row | |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

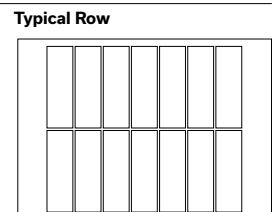
Sold separately



| 150 x 450 | | Dimensions mm | Dimensions in. |
|----------------------|----------------------|----------------------------|----------------------------|
| | C | 100 x 150 x 450 | 4 x 5 7/8 x 17 3/4 |
| | Unit/area | 14.81 units/m ² | 1.37 units/ft ² |
| | Cube ft ² | 81.36 | 10.17 per row |
| | Cube ft ² | 81.36 | 10.17 per row |
| Cube ft ² | 61.02 | 10.17 per row | |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately



Boulevard 300 Paver - cont'd

150 x 150

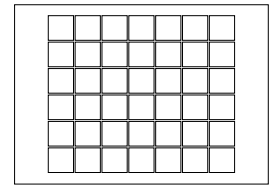


| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| D | 100 x 150 x 150 | 4 x 5 7/8 x 5 7/8 |
| Unit/area | 44.44 units/m ² | 4.12 units/ft ² |
| Cube ft ² | 81.36 | 10.17 per row |
| Cube ft ² | 81.36 | 10.17 per row |
| Cube ft ² | 61.02 | 10.17 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

Typical Row



150 x 300

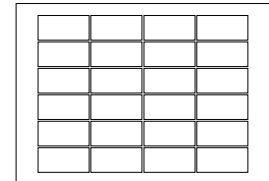


| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| E | 100 x 150 x 300 | 4 x 5 7/8 x 11 13/16 |
| Unit/area | 22.22 units/m ² | 2.06 units/ft ² |
| Cube ft ² | 69.78 | 11.63 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

Sold separately

Typical Row



300 x 300

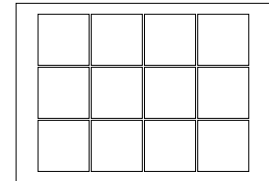


| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| F | 100 x 300 x 300 | 4 x 11 13/16 x 11 13/16 |
| Unit/area | 11.11 units/m ² | 1.03 units/ft ² |
| Cube ft ² | 69.78 | 11.63 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

Sold separately

Typical Row



200 x 600

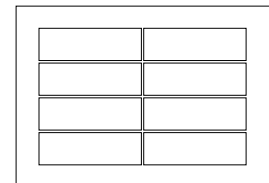


| | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|---------------------------|
| G | 100 x 200 x 600 | 4 x 7 7/8 x 23 5/8 |
| Unit/area | 8.33 units/m ² | 0.77 unit/ft ² |
| Cube ft ² | 72.31 | 10.33 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

Sold separately

Typical Row



300 x 600

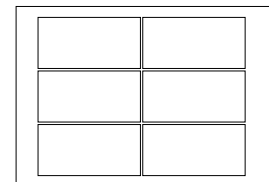


| | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|---------------------------|
| H | 100 x 300 x 600 | 4 x 11 13/16 x 23 5/8 |
| Unit/area | 5.55 units/m ² | 0.52 unit/ft ² |
| Cube ft ² | 69.78 | 11.63 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

Sold separately

Typical Row



600 x 600



| | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|---------------------------|
| I | 100 x 600 x 600 | 4 x 23 5/8 x 23 5/8 |
| Unit/area | 2.77 units/m ² | 0.26 unit/ft ² |
| Cube ft ² | 46.5 | 7.75 per row |
| Cube ft ² | 81.36 | 10.17 per row |
| Cube ft ² | 61.02 | 10.17 per row |

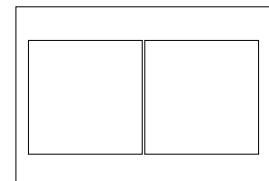
| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 23.63 kg | 51.99 lb |
|----------------------|----------|----------|

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 28.83 kg | 63.40 lb |
|----------------------|----------|----------|

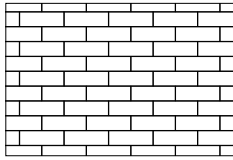
Sold separately

Typical Row

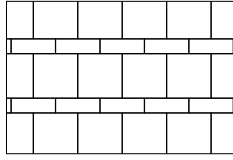


Boulevard 300 Paver - cont'd

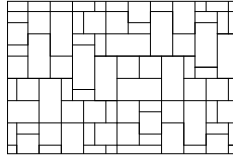
Laying Patterns



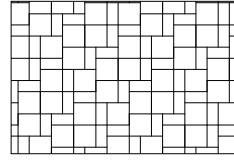
Linear
100% A, B, C, E, G, H or J



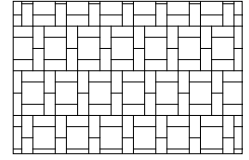
Linear modified
75% F + 25% A
75% I + 25% G



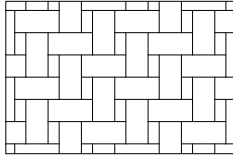
Modular
67% H + 21% F + 12% E



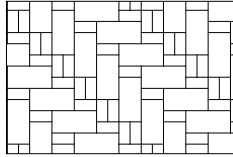
Modular
50% I + 50%
50% F + 50% E



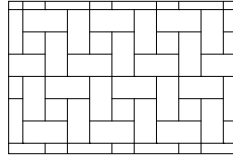
Modular
67% I + 33% H
67% F + 33% E



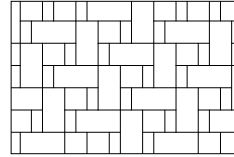
Modular
89% H + 11% E



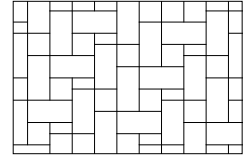
Modular
67% H + 33% E



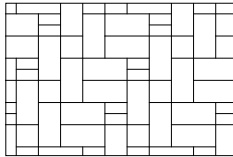
Modular
89% E + 11% D
89% H + 11% F



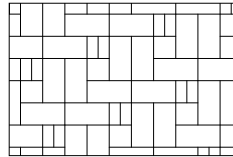
Modular
67% H + 25% F + 8% E



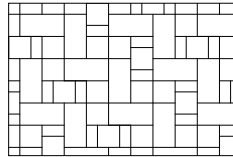
Modular
71% H + 25% F + 5% E



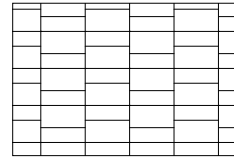
Modular
80% H + 10% F + 10% E



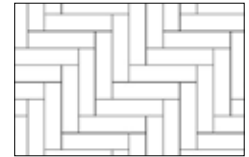
Modular
80% H + 10% F + 10% E



Modular
50% H + 38% F + 12% E



Checkerboard modified
60% E + 40% A
60% H + 40% G



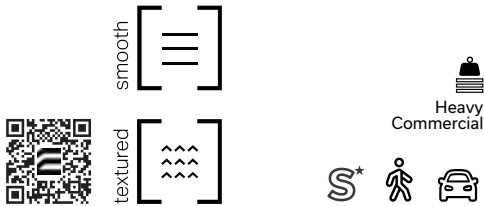
Herringbone
100% A, B, C, E, G, H or J

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard 300 Paver | | | | | | | |
| 100 x 300 | | | | | | | |
| 100 x 600 | | | | | | | |
| 100 x 450 | | | | | | | |
| 150 x 450 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |
| 150 x 150 | | | | | | | |
| 150 x 300 | | | | | | | |
| 300 x 300 | | | | | | | |
| 200 x 600 | | | | | | | |
| 300 x 600 | | | | | | | |
| 600 x 600 | | | | | | | |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard 500 Paver



| smooth | Colour |
|--------|-------------------------|
| | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

| textured | Colour |
|----------|----------------------------|
| | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech |

500 x 500

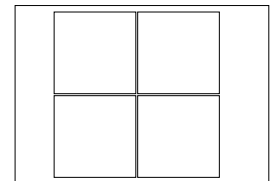


| | Dimensions mm | Dimensions in. |
|----------------------|------------------------|----------------------------|
| | 100 x 500 x 500 | 4 x 19 11/16 x 19 11/16 |
| Unit/area | 4 units/m ² | 0.37 units/ft ² |
| Cube ft ² | 64.5 | 10.75 per row |

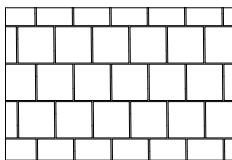
| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

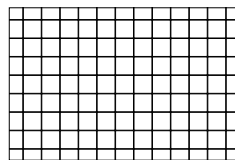
Typical Row



Laying Patterns



Linear



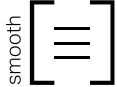
Checkerboard

TECHNICAL INFORMATION

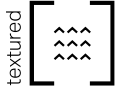
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard 500 Paver 500 x 500 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard Drain Paver



ASTM #8 Aggregate
jointing material



Heavy
Commercial



Colour

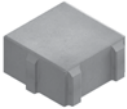
| |
|-------------------------|
| White - Smooth |
| Cinder Grey - Smooth |
| Charcoal - Smooth |
| Light Charcoal - Smooth |
| Black ETX - Smooth |
| Light Grey - Smooth |
| Beige Grey - Smooth |
| Beige - Smooth |
| Red - Smooth |



Colour

| |
|----------------------------|
| Cinder Grey - Granitech |
| Light Charcoal - Granitech |
| Charcoal - Granitech |
| Light Grey - Granitech |
| Beige Grey - Granitech |
| Beige - Granitech |
| Opal White - Granitech |
| Stanstead Grey - Granitech |
| Cambrian Brown - Granitech |
| Cambrian Black - Granitech |

209 x 209

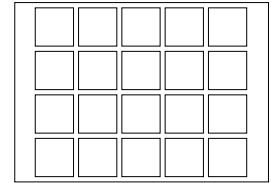


| | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|----------------------------|
| | 100 x 209 x 209 | 4 x 8 1/4 x 8 1/4 |
| Unit/area | 22.9 units/m ² | 2.13 units/ft ² |
| Cube ft ³ | 56.4 | 9.4 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

Typical Row



150 x 300

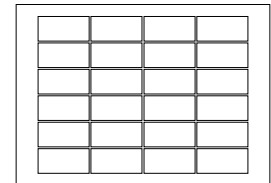


| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| | 100 x 150 x 300 | 4 x 5 7/8 x 11 13/16 |
| Unit/area | 22.22 units/m ² | 2.06 units/ft ² |
| Cube ft ³ | 69.78 | 11.63 per row |

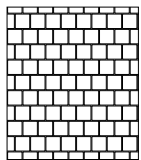
| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
|----------------------|----------|----------|

Sold separately

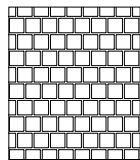
Typical Row



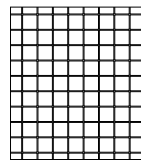
Laying Patterns 209 x 209



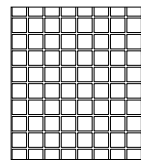
Linear



Checkerboard

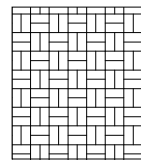


Checkerboard

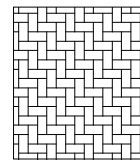


Checkerboard

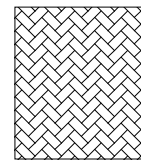
Laying Patterns 150 x 300



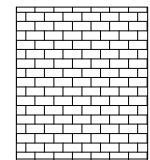
Parquet



Herringbone



Herringbone 45°



Linear

TECHNICAL INFORMATION

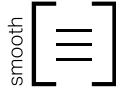
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard Drain Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Boulevard Drain 209 x 209: Joint spacing is 12 mm (0.47 in.) which allows an initial surface infiltration rate of +/-17 387mm/hr. / Boulevard Drain 150 x 300: Joint spacing is 12 mm (0.47 in.)

Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

New

Boulevard Hexagon Paver



Light Commercial

Colour



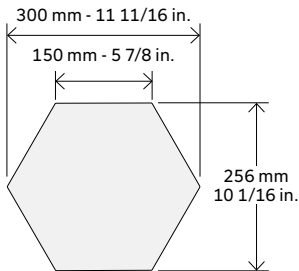
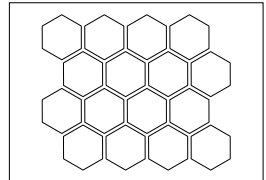
- White - Smooth
- Cinder Grey - Smooth
- Charcoal - Smooth
- Light Charcoal - Smooth
- Black ETX - Smooth
- Light Grey - Smooth
- Beige Grey - Smooth
- Beige - Smooth
- Red - Smooth



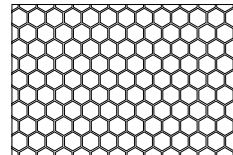
| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| | 100 x 256 x 300 | 4 x 10 1/16 x 11 13/16 |
| Unit/area | 13.23 units/m ² | 1.23 units/ft ² |
| Cube ft ² | 68.32 | 9.76 per row |

Mass/ft² 22.33 kg 49.13 lb

Typical Row



Laying Pattern



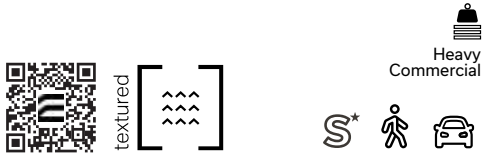
Checkerboard

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard Hexagon Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

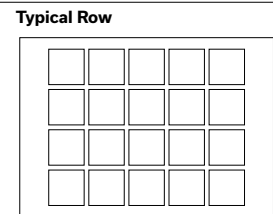
Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard Striated Paver



| smooth | Colour |
|----------------------------|----------------------------|
| | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Shefford Beige - Granitech |
| | Cambrian Brown - Granitech |
| Cambrian Black - Granitech | |

| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| | 100 x 300 x 300 | 4 x 11 13/16 x 11 13/16 |
| Unit/area | 11.11 units/m ² | 1.03 units/ft ² |
| Cube ft ² | 69.78 | 11.63 per row |
| Mass/ft ² | 22.33 kg | 49.13 lb |

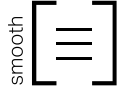


TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard Striated Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard Verde Paver



Light Commercial

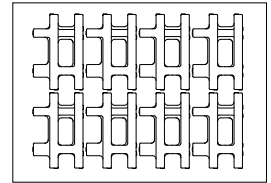


| Colour |
|-------------------------|
| White - Smooth |
| Cinder Grey - Smooth |
| Charcoal - Smooth |
| Light Charcoal - Smooth |
| Black ETX - Smooth |
| Light Grey - Smooth |
| Beige Grey - Smooth |
| Beige - Smooth |
| Red - Smooth |

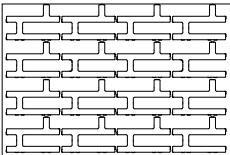


| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|-----------------------------|
| | 100 x 300 x 450 | 4 x 11 13/16 x 17 3/4 |
| Weight/unit | 13 kg | 28 lb |
| Unit/area | 7.36 units/m ² | 0.68 units/ft ² |
| Area/layer | 1.09 m ² | 11.72 ft ² |
| Area/cube | 8.72 m² | 93.76 ft² |
| Length/row | 3.60 lin. m | 11.81 lin. ft |
| Length/cube | 28.80 lin. m | 94.48 lin. ft |
| Qty/cube | 64 units | 64 units |
| Weight/cube | 1003 kg | 2213 lb |

Typical Row



Laying Pattern



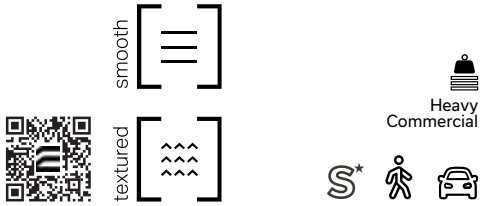
Checkerboard

TECHNICAL INFORMATION


| Product | Standard | Void Opening | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------------|------------|--------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard Verde Paver | CSA A231.2 | 50% | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 90 Paver



| smooth  | Colour | |
|---------------------------------------------------------------------------------------------|-------------------------|--|
| | White - Smooth | |
| | Cinder Grey - Smooth | |
| | Charcoal - Smooth | |
| | Light Charcoal - Smooth | |
| | Black ETX - Smooth | |
| | Light Grey - Smooth | |
| | Beige Grey - Smooth | |
| | Beige - Smooth | |
| | Red - Smooth | |

| textured  | Colour | |
|-----------------------------------------------------------------------------------------------|----------------------------|--|
| | Cinder Grey - Granitech | |
| | Light Charcoal - Granitech | |
| | Charcoal - Granitech | |
| | Light Grey - Granitech | |
| | Beige Grey - Granitech | |
| | Beige - Granitech | |
| | Opal White - Granitech | |
| | Stanstead Grey - Granitech | |
| | Cambrian Brown - Granitech | |
| | Cambrian Black - Granitech | |

160 x 240

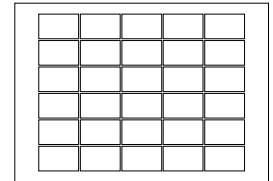


| | Dimensions mm | Dimensions in. |
|----------------------|-------------------------|----------------------------|
| A | 90 x 160 x 240 | 3 1/2 x 6 5/16 x 9 1/2 |
| Unit/area | 26 units/m ² | 2.42 units/ft ² |
| Cube ft ³ | 86.8 | 12.4 per row |

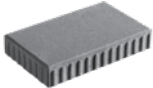
| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

Typical Row



320 x 520

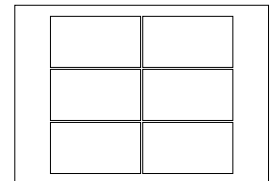


| | Dimensions mm | Dimensions in. |
|----------------------|------------------------|----------------------------|
| B | 90 x 320 x 520 | 3 1/2 x 12 5/8 x 20 23/48 |
| Unit/area | 6 units/m ² | 0.56 units/ft ² |
| Cube ft ³ | 86 | 10.75 per row |

| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

Typical Row

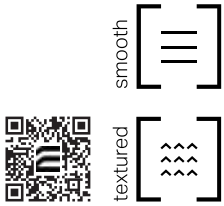


TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|---------------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard TLI 90 Paver 160 x 240 320 x 520 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 100 Paver



| smooth | Colour |
|---------------|-------------------------|
| [Smooth Icon] | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

| textured | Colour |
|-----------------|----------------------------|
| [Textured Icon] | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech |

150 x 300

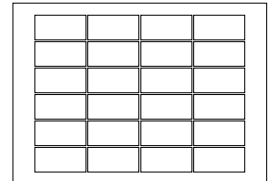


| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| A | 100 x 150 x 300 | 4 x 5 7/8 x 11 13/16 |
| Unit/area | 22.22 units/m ² | 2.06 units/ft ² |
| Cube ft ² | 69.78 | 11.63 per row |

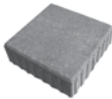
| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

Typical Row



300 x 300

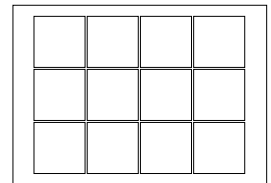


| | Dimensions mm | Dimensions in. |
|----------------------|----------------------------|----------------------------|
| B | 100 x 300 x 300 | 4 x 11 13/16 x 11 13/16 |
| Unit/area | 11.11 units/m ² | 1.03 units/ft ² |
| Cube ft ² | 69.78 | 11.63 per row |

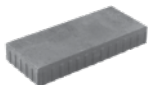
| | | |
|----------------------|----------|----------|
| Mass/ft ² | 22.33 kg | 49.13 lb |
| Mass/ft ² | 23.63 kg | 51.99 lb |
| Mass/ft ² | 28.83 kg | 63.40 lb |

Sold separately

Typical Row



300 x 700

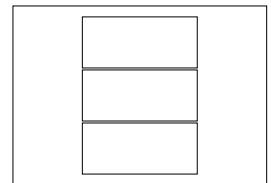


| | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|-----------------------------|
| C | 150 x 300 x 700 | 4 x 11 13/16 x 27 9/16 |
| Unit/area | 22.8 units/m ² | 50.16 units/ft ² |
| Cube ft ² | 54.24 | 6.78 per row |

| | | |
|----------------------|---------|----------|
| Mass/ft ² | 22.8 kg | 50.16 lb |
|----------------------|---------|----------|

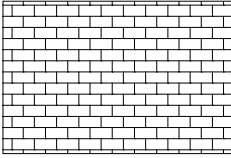
Smooth finish only

Typical Row

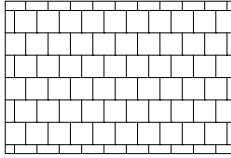


Boulevard TLI 100 Paver - cont'd

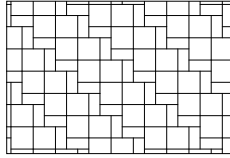
Laying Patterns



Linear



Linear



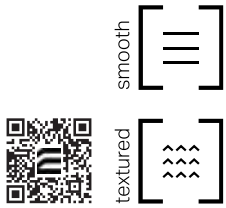
Modular
50% A + 50% B

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard TLI 100 Paver 150 x 300 300 x 300 300 x 700 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 150 Paver



| smooth | Colour |
|--------|-------------------------|
| | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

| textured | Colour |
|----------|----------------------------|
| | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech |

125 x 150

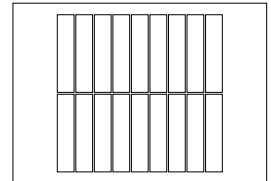


| | Dimensions mm | Dimensions in. |
|----------------------|-------------------------|--------------------------------|
| A | 150 x 500 x 125 | 5 7/8 x 19 11/16 x 4 15/16 |
| Unit/area | 16 units/m ² | 1.49 units/ft ² |
| Cube ft ² | 60.55 | 12.11 per row / 48.44 par cube |

| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

Sold separately

Typical Row



250 x 500

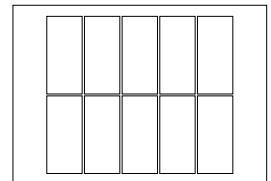


| | Dimensions mm | Dimensions in. |
|----------------------|------------------------|--------------------------------|
| B | 150 x 500 x 250 | 5 7/8 x 19 11/16 x 9 7/8 |
| Unit/area | 8 units/m ² | 0.74 units/ft ² |
| Cube ft ² | 67.25 | 13.45 per row / 40.35 par cube |

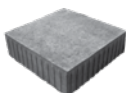
| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

Sold separately

Typical Row



500 x 500

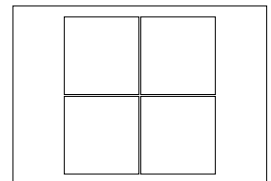


| | Dimensions mm | Dimensions in. |
|----------------------|------------------------|--------------------------------|
| C | 150 x 500 x 500 | 5 7/8 x 19 11/16 x 19 11/16 |
| Unit/area | 4 units/m ² | 0.37 units/ft ² |
| Cube ft ² | 64.56 | 10.76 per row / 43.04 par cube |

| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

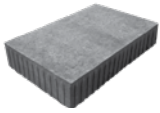
Sold separately

Typical Row



Boulevard TLI 100 Paver - cont'd

750 x 500

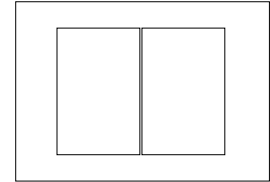


| | Dimensions mm | Dimensions in. |
|----------------------|---------------------------|----------------------------|
| D | 150 x 500 x 750 | 5 7/8 x 19 11/16 x 29 1/2 |
| Unit/area | 2.67 units/m ² | 0.25 units/ft ² |
| Cube ft ² | 48.42 | 8.07 per row |

| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

Sold separately

Typical Row



200 x 200

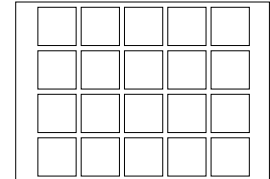


| | Dimensions mm | Dimensions in. |
|----------------------|-----------------|-----------------------|
| E | 150 x 200 x 200 | 5 7/8 x 7 7/8 x 7 7/8 |
| Cube ft ² | 51.6 | 8.6 per row |

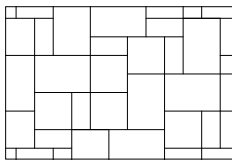
| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

Sold separately

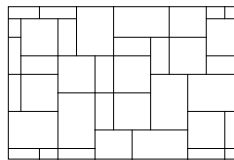
Typical Row



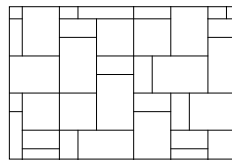
Laying Patterns



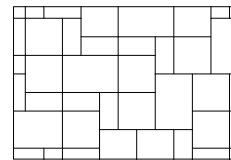
Modular
17% B + 33% C + 50% D



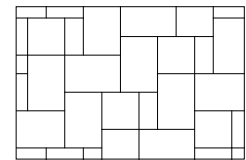
Modular
21% B + 42% C + 37% D



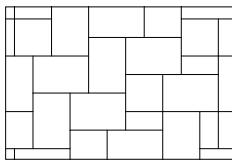
Modular
21% B + 17% C + 62% D



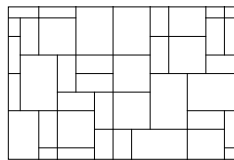
Modular
25% B + 50% C + 25% D



Modular
13% B + 25% C + 62% D



Modular
8% B + 17% C + 75% D



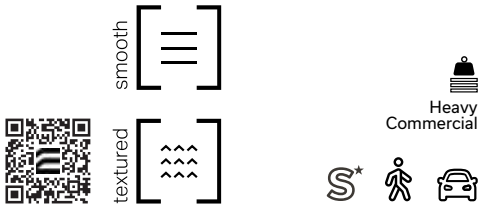
Modular
29% B + 33% C + 38% D


TECHNICAL INFORMATION


| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|-------------------------|
| Boulevard TLI 150 Paver | | | | | | | |
| 125 x 500 | | | | | | | |
| 250 x 500 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm |
| 500 x 500 | | | | | | | Width: -1.0 to +2.0 mm |
| 750 x 500 | | | | | | | Height: ±3.0 mm |
| 200 x 200 | | | | | | | |
| | | | | | | | |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 90 Crescendo 320 Paver



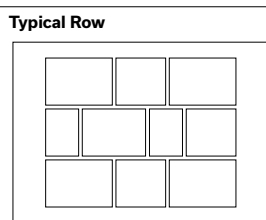
| smooth  | Colour |
|------------------------------------------------------------------------------------------|-------------------------|
| | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

| textured  | Colour |
|--------------------------------------------------------------------------------------------|----------------------------|
| | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| Cambrian Black - Granitech | |

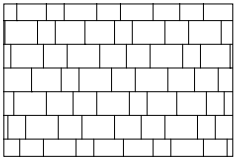


| | Dimensions mm | Dimensions in. |
|----------------------|----------------|--------------------------|
| A | 90 x 320 x 240 | 3 1/2 x 12 5/8 x 9 1/2 |
| B | 90 x 320 x 320 | 3 1/2 x 12 5/8 x 12 5/8 |
| C | 90 x 320 x 360 | 3 1/2 x 12 5/8 x 14 3/16 |
| D | 90 x 320 x 400 | 3 1/2 x 12 5/8 x 15 3/4 |
| E | 90 x 320 x 440 | 3 1/2 x 12 5/8 x 17 5/16 |
| Cube ft ² | 86.8 | 12.4 per row |

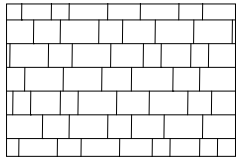
| | | |
|----------------------|----------|---------|
| Mass/ft ² | 19.36 kg | 42.6 lb |
| Mass/ft ² | 20.65 kg | 45.4 lb |
| Mass/ft ² | 25.55 kg | 56.2 lb |
| Sold separately | | |



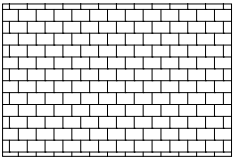
Laying Patterns



Linear



Linear
50% ABCDE + 50%
Large Rectangle



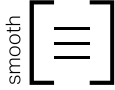
Linear
Small Rectangle

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard TLI 90 Crescendo 320 Paver | | | | | | | |
| 320 x 240 | | | | | | | |
| 320 x 320 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |
| 320 x 360 | | | | | | | |
| 320 x 400 | | | | | | | |
| 320 x 440 | | | | | | | |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 100 Crescendo 300 Paver

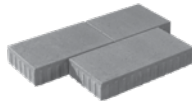


Heavy Commercial



Colour

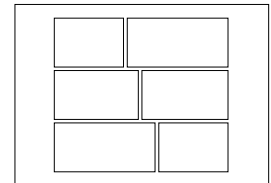
| |
|-------------------------|
| White - Smooth |
| Cinder Grey - Smooth |
| Charcoal - Smooth |
| Light Charcoal - Smooth |
| Black ETX - Smooth |
| Light Grey - Smooth |
| Beige Grey - Smooth |
| Beige - Smooth |
| Red - Smooth |



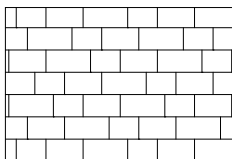
| | Dimensions mm | Dimensions in. |
|----------------------|-----------------|-------------------------|
| A | 100 x 300 x 400 | 4 x 11 13/16 x 15 3/4 |
| B | 100 x 300 x 500 | 4 x 11 13/16 x 19 11/16 |
| C | 100 x 300 x 600 | 4 x 11 13/16 x 23 5/8 |
| Unit/area | 22.8 kg | 50.16 lb |
| Cube ft ² | 77.52 | 9.69 per row |

| Mass/ft ² | 22.8 kg | 50.16 lb |
|-------------------------------|---------|----------|
| Units are not sold separately | | |

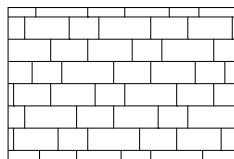
Typical Row



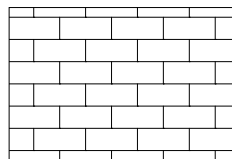
Laying Patterns



Linear



Linear
70% ABC + 30% D



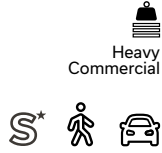
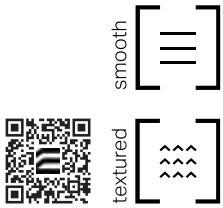
Linear
100% D

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|-------------------------|
| Boulevard TLI 100 Crescendo 300 Paver | | | | | | | |
| 300 x 400 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm |
| 300 x 500 | | | | | | | Width: -1.0 to +2.0 mm |
| 300 x 600 | | | | | | | Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 150 Crescendo 125 Paver



| smooth | Colour |
|--------|-------------------------|
| | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

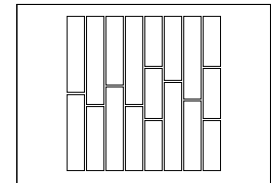
| textured | Colour |
|----------|----------------------------|
| | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech |

| | | Dimensions mm | Dimensions in. |
|---|----------------------|--------------------|----------------------------|
| A | A | 150 x 125 x 333.33 | 5 7/8 x 4 15/16 x 13 1/8 |
| B | B | 150 x 125 x 416.67 | 5 7/8 x 4 15/16 x 16 3/8 |
| C | C | 150 x 125 x 458.33 | 5 7/8 x 4 15/16 x 18 |
| | D | 150 x 125 x 500 | 5 7/8 x 4 15/16 x 19 11/16 |
| | E | 150 x 125 x 541.67 | 5 7/8 x 4 15/16 x 21 5/16 |
| | F | 150 x 125 x 583.33 | 5 7/8 x 4 15/16 x 23 |
| | Cube ft ² | 53.80 | 10.76 per row |
| | Cube ft ² | 53.80 | 10.76 per row |
| | Cube ft ² | 43.04 | 10.76 per row |

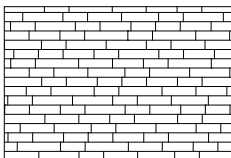
| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

Units are not sold separately

Typical Row



Laying Pattern



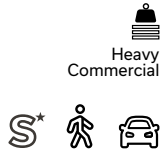
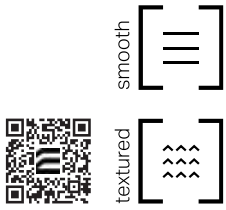
Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard TLI 150 Crescendo 125 Paver 125 x 333.33 125 x 416.67 125 x 458.33 125 x 500 125 x 541.67 125 x 583.33 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 150 Crescendo 320 Paver



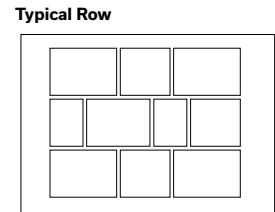
| smooth | Colour |
|--------|-------------------------|
| [Icon] | White - Smooth |
| | Cinder Grey - Smooth |
| | Charcoal - Smooth |
| | Light Charcoal - Smooth |
| | Black ETX - Smooth |
| | Light Grey - Smooth |
| | Beige Grey - Smooth |
| | Beige - Smooth |
| | Red - Smooth |

| textured | Colour |
|----------|----------------------------|
| [Icon] | Cinder Grey - Granitech |
| | Light Charcoal - Granitech |
| | Charcoal - Granitech |
| | Light Grey - Granitech |
| | Beige Grey - Granitech |
| | Beige - Granitech |
| | Opal White - Granitech |
| | Stanstead Grey - Granitech |
| | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech |

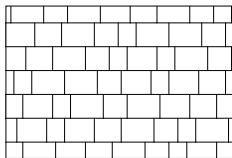
| | | Dimensions mm | Dimensions in. |
|---|----------------------|-----------------|--------------------------|
| A | | 150 x 320 x 240 | 5 7/8 x 12 5/8 x 9 1/2 |
| B | | 150 x 320 x 320 | 5 7/8 x 12 5/8 x 12 5/8 |
| C | | 150 x 320 x 360 | 5 7/8 x 12 5/8 x 14 3/16 |
| D | | 150 x 320 x 400 | 5 7/8 x 12 5/8 x 15 3/4 |
| E | | 150 x 320 x 440 | 5 7/8 x 12 5/8 x 17 5/16 |
| | Cube ft ² | 49.6 | 12.4 per row |
| | Cube ft ² | 49.6 | 12.4 per row |
| | Cube ft ² | 37.2 | 1.4 per row |

| | | |
|----------------------|---------|---------|
| Mass/ft ² | 32.6 kg | 71.7 lb |
| Mass/ft ² | 34.4 kg | 75.7 lb |
| Mass/ft ² | 43.6 kg | 95.9 lb |

Units are not sold separately



Laying Pattern



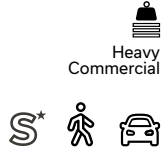
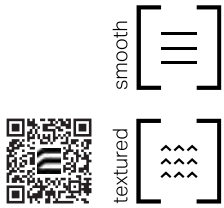
Linear

TECHNICAL INFORMATION


| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------------------------------------------------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard TLI 150 Crescendo 320 Paver 125 x 500 250 x 500 500 x 500 750 x 500 200 x 200 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

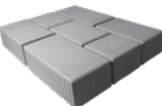
Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Boulevard TLI 200 Crescendo 300 Paver



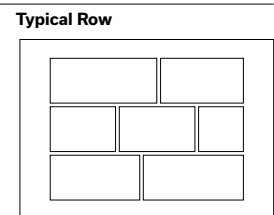
| smooth | Colour | |
|--------|-----------------------------------------------------------------------------------|-------------------------|
| |  | White - Smooth |
| | | Cinder Grey - Smooth |
| | | Charcoal - Smooth |
| | | Light Charcoal - Smooth |
| | | Black ETX - Smooth |
| | | Light Grey - Smooth |
| | | Beige Grey - Smooth |
| | | Beige - Smooth |
| | | Red - Smooth |

| textured | Colour | |
|----------|-----------------------------------------------------------------------------------|----------------------------|
| |  | Cinder Grey - Granitech |
| | | Light Charcoal - Granitech |
| | | Charcoal - Granitech |
| | | Light Grey - Granitech |
| | | Beige Grey - Granitech |
| | | Beige - Granitech |
| | | Opal White - Granitech |
| | | Stanstead Grey - Granitech |
| | | Cambrian Brown - Granitech |
| | Cambrian Black - Granitech | |

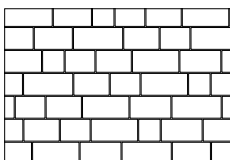
| | | Dimensions mm | Dimensions in. |
|--|----------------------|-------------------------------------------------------------------------------------|----------------------------|
| | |  | A |
| | B | 200 x 300 x 412.5 | 7 7/8 x 11 13/16 x 16 1/4 |
| | C | 200 x 300 x 487.5 | 7 7/8 x 11 13/16 x 19 3/16 |
| | D | 200 x 300 x 525 | 7 7/8 x 11 13/16 x 20 5/8 |
| | E | 200 x 300 x 562.5 | 7 7/8 x 11 13/16 x 22 1/8 |
| | F | 200 x 300 x 637.5 | 7 7/8 x 11 13/16 x 25 1/8 |
| | G | 200 x 300 x 675 | 7 7/8 x 11 13/16 x 26 9/16 |
| | Unit/area | 16 units/m ² | 1.49 units/ft ² |
| | Cube ft ² | 46.52 | 11.63 per row |

| Mass/ft ² | 43.24 kg | 95.12 lb |
|----------------------|----------|-----------|
| Mass/ft ² | 45.64 kg | 100.40 lb |
| Mass/ft ² | 58.14 kg | 127.90 lb |

Units are not sold separately



Laying Pattern



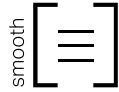
Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Boulevard TLI 200 Crescendo 300 Paver 300 x 300 300 x 412.5 300 x 487.5 300 x 525 300 x 562.5 300 x 637.5 300 x 675 | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Paleo-Tec Paver



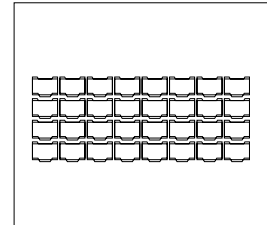
Heavy Commercial



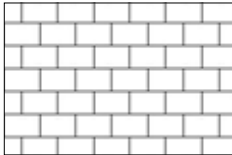
| | Dimensions mm | Dimensions in. |
|------------------|----------------------------|-----------------------------|
| | 100 x 140 x 220 | 4 x 5 1/2 x 8 5/8 |
| Weight/unit | 6.80 kg | 15.00 lb |
| Unit/area | 32.50 units/m ² | 3.00 units/ft ² |
| Area/layer | 0.99 m ² | 10.62 ft ² |
| Area/cube | 5.92 m² | 63.72 ft² |
| Length/row | 7.01 lin. m | 23.00 lin. ft |
| Length/cube | 42.06 lin. m | 138.00 lin. ft |
| Weight/cube | 1306 kg | 2880 lb |

| Code | Colour |
|-------------------------------|----------------------|
| 10102026 | Light Grey |
| 10109059 | Range Brownstone Red |
| 10109067 | Range Norvick Grey |
| 10103056 | Rockland Black |
| Production location Woodstock | |

Typical Row



Laying Pattern



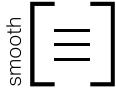
Linear

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Paleo-Tec Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.

Vertex Paver



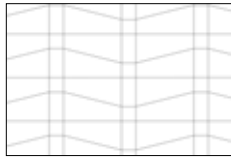
Light Commercial

| | | Dimensions mm | Dimensions in. | Colour | Typical Row |
|---|------------------------|---------------------------|---------------------------------|------------------------------|-------------|
| A | A and B | 100 x 150 and 300 x 600 | 4 x 5 7/8 and 11 13/16 x 23 5/8 | White - Smooth | |
| | Unit/area | 0.135 m ² | 1.45 ft ² | Cinder Grey - Smooth | |
| B | Area/cube | 8.64 m² | 8 Rows | 92.88 ft² | |
| | Weight/ft ² | 22.33 kg | 49.13 lb | Charcoal - Smooth | |
| | | | | Light Charcoal - Smooth | |
| | | | | Black ETX - Smooth | |
| | | | | Light Grey - Smooth | |
| | | | | Beige Grey - Smooth | |
| | | | | Beige - Smooth | |
| | | | | Production location Montreal | |

Laying Patterns



Diagonal 100 x 450
with Boulevard 300 pavers
100 x 450



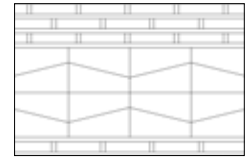
False Curves
with Boulevard 300 pavers
150 x 150
with Boulevard 300 pavers
150 x 300



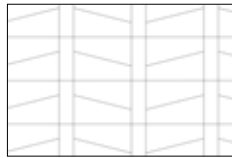
Insertions 300 x 600
with Boulevard 300 pavers
300 x 600



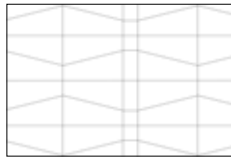
Garden 600 x 600
with Boulevard 300 pavers
600 x 600



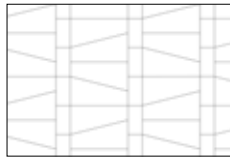
Verde Lines
with Boulevard Verde pavers



Rows 150 x 450
with Boulevard 300 pavers
150 x 450



Side-by-side 150 and 300
with Boulevard 300 pavers
150 x 150
with Boulevard 300 pavers
150 x 300



Side-by-side 150 x 300
with Boulevard 300 pavers
150 x 300

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|--------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Vertex Paver | CSA A231.2 | N/A | μ 50 MPa ≥ 45 MPa | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example only and represent only a few of many possibilities. Permacon shall not be responsible for the excess or shortage of pavers resulting from installation according to these laying patterns.

Keystone Wall and Capping



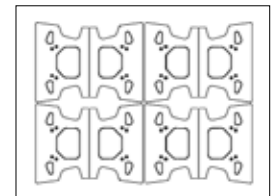
Compact Straight-Face Wall Unit



| | Dimensions mm | Dimensions in. |
|-----------------|----------------------------|---------------------------|
| | 204 x 305 x 457 | 8 x 12 x 18 |
| Weight/unit | 45 kg | 99 lb |
| Unit/area | 10.80 units/m ² | 1.00 unit/ft ² |
| Area/cube | 3.70 m ² | 40.00 ft ² |
| Qty/cube | 40 units | 5 Rows |
| Weight/cube | 1832 kg | 4039 lb |

| Code | Colour |
|----------|------------|
| 16055000 | Smoke Grey |

Typical Row



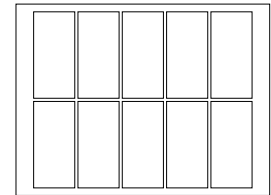
Corner Wall Unit



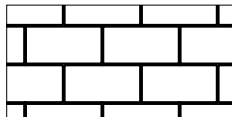
| | Dimensions mm | Dimensions in. |
|-----------------|---------------------------|---------------------------|
| | 204 x 230 x 450 | 8 x 9 x 18 |
| Weight/unit | 52 kg | 114 lb |
| Unit/area | 7.20 units/m ² | 0.67 unit/ft ² |
| Area/cube | 2.79 m ² | 30.00 ft ² |
| Qty/cube | 20 units | 2 Rows |
| Weight/cube | 1044 kg | 2296 lb |

| Code | Colour |
|----------|------------|
| 16052390 | Smoke Grey |

Typical Row



Laying Pattern



Linear

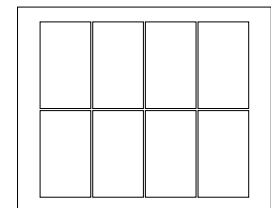
Straight-Face Capping



| | Dimensions mm | Dimensions in. |
|-----------------|---------------------|-----------------------|
| | 102 x 267 x 432 | 4 x 10 1/2 x 17 |
| Weight/unit | 30 kg | 64 lb |
| Unit/length | 2.20 units/lin. m | 0.67 unit/lin. ft |
| Area/cube | 2.60 m ² | 28.00 ft ² |
| Qty/cube | 56 units | 7 Rows |
| Weight/cube | 1655 kg | 3640 lb |

| Code | Colour |
|----------|------------|
| 16054730 | Smoke Grey |

Typical Row



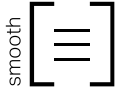
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Keystone Wall | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |
| Keystone Capping | ASTM C 1372 | N/A | 20.7 MPa | N/A | 2000 kg/m ² | 10.4% | Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm |

Application: Supporting walls. For additional details see our landscaping installation guide on our website.

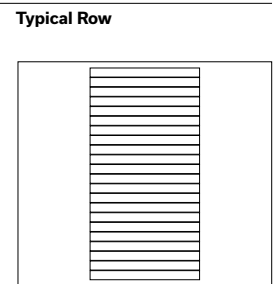
The information contained in these technical documents is supplied for information purposes only. Any application of the information is the sole responsibility of the installer. The installer must ensure that the installation and use of retaining wall projects comply with local regulations and code requirements. A qualified engineer must be consulted for final design for construction purposes. Oldcastle Building Products Canada, Inc. and its affiliates cannot be held responsible for the improper use of information contained in these technical documents.

SmartCast® Reflect Slab

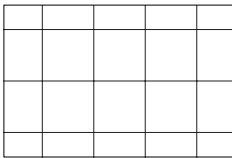


| | Dimensions mm | Dimensions in. |
|-----------------|-----------------|-----------------------|
| | 50 x 600 x 600 | 2 x 23 5/8 x 23 5/8 |
| Weight/unit | 54 kg | 119 lb |
| Unit/area | - | 3.87 ft ² |
| Area/cube | - | 85.10 ft ² |
| Qty/cube | 22 units | 22 units |
| Weight/cube | 1189 kg | 2622 lb |

| Code | Colour |
|-------------------------------|--------|
| 12050108 | White |
| Production location Cambridge | |



Laying Pattern



Checkerboard

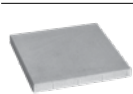
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| SmartCast Reflect Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Compatible with pedestal systems. Smart Cast Reflect meets SRI for LEED

Urban™ Slab

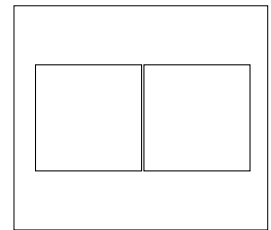


| | Dimensions mm | Dimensions in. |
|------------------|---------------------------|-------------------|
| | 55 x 610 x 610 | 2 3/16 x 24 x 24 |
| Weight/unit | 52 kg | 115 lb |
| Area/unit | 0.37 m ² | 4 ft ² |
| Area/layer | 0.74 m ² | 8 ft ² |
| Area/cube | 8.92 m² | 12 Rows |
| Qty/cube | 24 units | 24 units |
| Weight/cube | 1250 kg | 2756 lb |

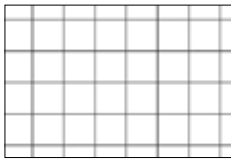
| Code | Colour |
|-----------|-------------------|
| 12051214 | Cinder Grey |
| 127001100 | Light Grey |
| 127001099 | Range Bayona Grey |
| 127001177 | White |
| 127001176 | Beige Grey |

Sold by layer
Can be double stacked
Production location Metcalfe

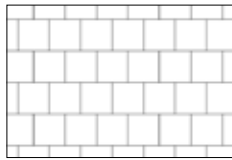
Typical Row




Laying Patterns



Checkerboard



Offset 1/2

 1 bag of sand covers approx. 271 ft²

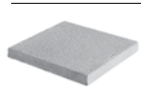
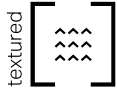
TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|-------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Urban Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Given the weight of this Slab, it is highly recommended to use suction-based lifting equipment for handling and placement (avoid manual installation). This product can be installed on pedestals for a rooftop application. It can safely withstand a load of up to 300 kg.

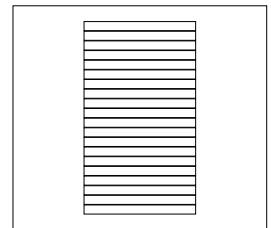
Versailles® Slab



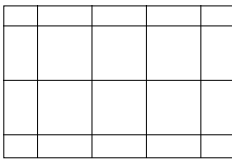
| | Dimensions mm | Dimensions in. |
|-----------------|---------------------|-----------------------|
| | 50 x 610 x 610 | 2 x 24 x 24 |
| Weight/unit | 44 kg | 97 lb |
| Unit/area | 0.37 m ² | 4.00 ft ² |
| Area/cube | 7.43 m ² | 80.00 ft ² |
| Qty/cube | 20 units | 20 units |
| Weight/cube | 880 kg | 1940 lb |

| Code | Colour |
|------------------------------|--------------|
| 12059261 | Alpine Grey |
| 12059263 | Trenton Grey |
| Production location Montreal | |

Typical Row



Laying Pattern



Checkerboard

TECHNICAL INFORMATION

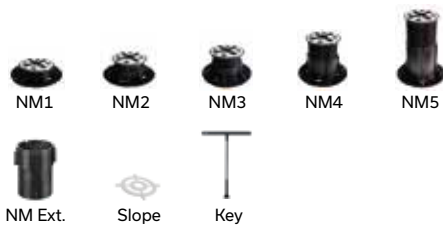
| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|------------------------|------------|-------------------|----------------------|------------------------------------------------------------------------------|---------|------------|----------------------------------------------------------------------|
| Versailles Slab | CSA A231.1 | ±4.5 MPa | N/A | 225 g/m ² after 28 cycles 500 g/m ² after 49 cycles | N/A | N/A | Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: ±3.0 mm |

* Concave or convex warpage in one dimension: up to and including 450 mm: 2.0 mm / over 450 mm: 3.00 mm

Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Compatible with pedestal systems.

New

Rooftop Pedestals



| Product | Height (in. - mm) | Code | Quantity (per box) |
|----------|--------------------------|----------|--------------------|
| NM1 | 1 - 1.57 / 25 - 40 | 70975862 | 40 |
| NM2 | 1.57 - 2.75 / 40 - 70 | 70975507 | 30 |
| NM3 | 2.36 - 3.93 / 60 - 100 | 70973302 | 25 |
| NM4 | 3.54 - 6.30 / 90 - 160 | 70973299 | 15 |
| NM5 | 5.90 - 10.63 / 150 - 270 | 70973298 | 12 |
| NM Ext. | - | 70974720 | 30 |
| NM Slope | - | 70972414 | 250 |
| Key | - | 70660563 | 1 |

Pedestals are sold by full box only



| Product | Height (in. - mm) | Code | Quantity (per box) |
|---------|------------------------|-----------|--------------------|
| PR1 | 1.81-2.56 / 30 - 65 | 70971543 | 30 |
| PR2 | 2.56-6.10 / 65 - 155 | 70971544 | 25 |
| PR3 | 6.10-16.54 / 155 - 420 | 70971546 | 12 |
| PR Ext. | - | 204000167 | 12 |

Pedestals are sold by full box only



| Product | Height (in. - mm) | Code | Quantity (per box) |
|------------|---------------------------|----------|--------------------|
| SE0-P | 1.125 - 1.5 / 28 - 38 | 70669121 | 40 |
| SE1-P | 1.5 - 2 / 37.5 - 50 | 70660070 | 30 |
| SE2-P | 2 - 3 / 50 - 75 | 70660069 | 25 |
| SE3-P | 3 - 4.75 / 75 - 120 | 70660068 | 25 |
| SE4-P | 4.75 - 6.75 / 120 - 170 | 70660067 | 25 |
| SE5-P | 6.75 - 8.5 / 170 - 215 | 70660066 | 25 |
| SE6-P | 5.5 - 9 / 140 - 230 | 70660065 | 25 |
| SE7-P | 7.25 - 10.75 / 185 - 275 | 70660064 | 25 |
| SE8-P | 9.25 - 12.75 / 235 - 325 | 70660566 | 25 |
| SE9-P | 8 - 13.5 / 205 - 345 | 70660565 | 25 |
| SE10-P | 9.875 - 15 / 250 - 385 | 70660564 | 25 |
| SE11-P | 8 - 15 / 300 - 400 | 70660561 | 25 |
| SE12-P | 10.5 - 18 / 270 - 455 | 70660100 | 25 |
| SE13-P | 8 - 19.75 / 315 - 500 | 70660099 | 25 |
| SE14-P | 14.25 - 21.75 / 365 - 550 | 70660098 | 25 |
| SE-P1 Ext. | - | 70660272 | 1 |

Pedestals are sold by full box only

Architectural Landscaping

Institutional Curbs



High Rised Curb A1 1 2M

| | Dimensions mm | Dimensions in. | Code |
|-----------------|------------------|----------------|-----------------|
| | 300 x 150 x 1200 | 12 x 6 x 48 | 14209025 |
| Weight/unit | 101 kg | 222 lb | |
| Length/cube | 16.8 lin. m | 55.1 lin. ft | |
| Qty/cube | 14 units | 2 Rows | 14 units |
| Weight/cube | 1450 kg | 3197 lb | |
| | | | Colour |
| | | | Grey |



Transition Curb 175 to 300 AB1 (L) - BA1 (R)

| | Dimensions mm | Dimensions in. | Code |
|-----------------|------------------------|-----------------|-----------------|
| | 175 to 300 x 150 x 500 | 7to 12 x 6 x 20 | 14209034 (L) |
| Weight/unit | 36 kg | 79 lb | 14209035 (R) |
| Length/cube | 8 lin. m | 26.3 lin. ft | |
| Qty/cube | 16 units | 2 Rows | 16 units |
| Weight/cube | 640 kg | 1411 lb | |
| | | | Colour |
| | | | Grey |
| | | | Sold in pairs |



Low Rised Curb B1 1 2M

| | Dimensions mm | Dimensions in. | Code |
|-----------------|------------------|----------------|-----------------|
| | 200 x 150 x 1200 | 8 x 6 x 48 | 14209036 |
| Weight/unit | 71 kg | 156 lb | |
| Length/cube | 25.2 lin. m | 82.7 lin. ft | |
| Qty/cube | 21 units | 3 Rows | 21 units |
| Weight/cube | 1520 kg | 3350 lb | |
| | | | Colour |
| | | | Grey |



Inside Corner

| | Dimensions mm | Dimensions in. | Code |
|-----------------|-----------------|----------------|-----------------|
| | 300 x 150 x 300 | 12 x 6 x 12 | 14209039 |
| Weight/unit | 47 kg | 104 lb | |
| Length/cube | 7.2 lin. m | 23.6 lin. ft | |
| Qty/cube | 24 units | 2 Rows | 24 units |
| Weight/cube | 1190 kg | 2623 lb | |
| | | | Colour |
| | | | Grey |



Transition Curb 200 to 300 AB1 (L) - BA1 (R)

| | Dimensions mm | Dimensions in. | Code |
|-----------------|-------------------------|------------------|----------------|
| | 200 to 300 x 150 x 1200 | 8 to 12 x 6 x 48 | 14209032 (L) |
| Weight/unit | 94 kg | 207 lb | 14209033 (R) |
| Length/cube | 9.6 lin. m | 31.5 lin. ft | |
| Qty/cube | 8 units | 2 Rows | 8 units |
| Weight/cube | 810 kg | 1786 lb | |
| | | | Colour |
| | | | Grey |



Outside Corner

| | Dimensions mm | Dimensions in. | Code |
|-----------------|-----------------|----------------|-----------------|
| | 300 x 150 x 300 | 12 x 6 x 12 | 14209041 |
| Weight/unit | 47 kg | 104 lb | |
| Length/cube | 7.2 lin. m | 23.6 lin. ft | |
| Qty/cube | 24 units | 2 Rows | 24 units |
| Weight/cube | 1190 kg | 2623 lb | |
| | | | Colour |
| | | | Grey |

Quantity of curved edges required for rotation angle of standardized curves

| Angle Curve | 45° | 90° | 135° | 180° | 225° | 270° | 315° | 360° |
|-------------|-----|-----|------|------|------|------|------|------|
| 0.625 | - | 1 | - | 2 | - | 3 | - | 4 |
| 1.25 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2.50 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| 5.00 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 |
| 7.5 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 |
| 10.00 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 |



Outside Curved C1 Exposed

| | Dimensions mm | Dimensions in. | Code |
|-----------------|------------------|----------------|-----------------|
| | 300 x 150 x 1000 | 12 x 6 x 40 | 14209026* 0.625 |
| Weight/unit | 100 kg | 220 lb | 14209027 1.25 |
| Length/cube | 12 lin. m | 39.4 lin. ft | 14209028 2.50 |
| Qty/cube | 12 units | 2 Rows | 12 units |
| Weight/cube | 1260 kg | 2778 lb | 14209029 5.00 |
| | | | 14209030 7.50 |
| | | | 14209031 10.00 |
| | | | Colour |
| | | | Grey |

* The *Outside Curved C1 Exposed* curb, code 14209026, comes in 10 pieces per pallet.

TECHNICAL INFORMATION

| Product | Standard | Flexural Strength | Compressive Strength | De-icing salts freeze-thaw durability | Density | Absorption | Dimension Tolerance* |
|----------------------------|-------------|-------------------|----------------------|---------------------------------------|------------------------|------------|------------------------------------------------------|
| Institutional Curbs | | | | | | | |
| High Rised Curb | | | | | | | |
| Low Rised Curb | | | | | | | |
| Transition Curb | BNQ2624-210 | ≥ 4.5 MPa | 45 MPa | 500 g/m ² | 2300 kg/m ³ | 5 % | Length: ±5.0 mm Width: ±3.0 mm Height: ±5.0 mm |
| Inside Corner | | | | | | | |
| Outside Corner | | | | | | | |
| Outside Curve | | | | | | | |

For additional details see our landscaping installation guide on our website.

Quantity Chart for Filling Joints for Architectural Pavers

| Description | | | Surface Area | |
|---------------------------------|-------------------------------|-----|----------------------------------|---------------------------------|
| Paver | Thickness (mm) | | ft ² / bag of 22.7 kg | m ² / bag of 22.7 kg |
| Boulevard TLI-200 mm | (multi-length) | 200 | 46 | 4.3 |
| Boulevard TLI-150 mm | UNITS | | | |
| | 500 mm x 750 mm | 150 | 93 | 8.6 |
| | 500 mm x 500 mm | 150 | 77 | 7.2 |
| | 500 mm x 250 mm | 150 | 52 | 4.8 |
| | 500 mm x 125 mm | 150 | 31 | 2.8 |
| Boulevard TLI 150 Crescendo 320 | (multi-length) | 150 | 47 | 4.4 |
| Boulevard TLI-150 mm | 200 mm x 200 mm | 150 | 27 | 2.5 |
| Boulevard TLI 150 Crescendo 125 | (multi-length) | 150 | 28 | 2.6 |
| Boulevard TLI-100 mm | UNITS | | | |
| | 300 mm x 300 mm | 100 | 91 | 8.5 |
| | 150 mm x 300 mm | 100 | 60 | 5.5 |
| Boulevard TLI 100 Crescendo 300 | (multi-length) | 100 | 120 | 11.2 |
| Boulevard TLI-100 mm | 300 mm x 700 mm | 100 | 172 | 16.0 |
| Boulevard TLI 90 Crescendo 320 | (multi-length) | 90 | 70 | 6.6 |
| Boulevard TLI-90 mm | 160 mm x 240 mm | 90 | 40 | 3.7 |
| Boulevard TLI-90 mm | 320 mm x 520 mm | 90 | 83 | 7.7 |
| Boulevard TLI-80 mm | 120 mm x 240 mm | 80 | 49 | 4.5 |
| Boulevard 300 | UNITS | | | |
| | 600 mm x 600 mm | 100 | 78 | 7.3 |
| | 200 mm x 600 mm | 100 | 34 | 3.1 |
| | 300 mm x 600 mm | 100 | 52 | 4.9 |
| | 300 mm x 300 mm | 100 | 39 | 3.7 |
| | 150 mm x 150 mm | 100 | 20 | 1.9 |
| | 150 mm x 300 mm | 100 | 27 | 2.6 |
| | 150 mm x 450 mm | 100 | 29 | 3.6 |
| | 100 mm x 300 mm | 100 | 24 | 2.2 |
| | 100 mm x 450 mm | 100 | 22 | 2.0 |
| 100 mm x 600 mm | 100 | 41 | 3.8 | |
| Boulevard 500 | 500 mm x 500 mm | 100 | 66 | 6.1 |
| Boulevard Hexagon | 256 mm x 300 mm | 100 | 37 | 3.4 |
| Agora 80 | 300 mm x variable | 80 | 53 | 4.9 |
| Agora 100 | 300 mm x variable | 100 | 70 | 6.6 |
| Paleo-Tec | 140 mm x 220 mm | 100 | 41 | 3.8 |
| Vertex | 100 x 150 mm and 300 x 600 mm | 100 | 79 | 7.3 |

Solar Reflective Index - Landscape

Solar Reflective Index (SRI) is simply a mathematical formula, using the two experimentally derived coefficients, solar reflectance and thermal emittance, to generate a single number. Solar Reflectance is a percentage of sunlight that is reflected by a surface when it is "hit" by sunlight. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates total reflectance. Aged solar reflectance is the solar reflectance of the surface after three years, which, typically is lower than the initial reflectance value. According to LEED® v4, Aged SRI and SR are optional requirements. This report has no three-year aged value, use materials that meet the initial SR and SRI requirements.

| LEED® v4 | Initial SRI | 3 year aged SRI | Initial Solar Reflectance | 3-year aged Solar Reflectance |
|--------------------------------------------------|-------------|-----------------|---------------------------|-------------------------------|
| Non-Roof Applications | - | - | 0.33 | 0.28 |
| Roof Top Application (if Low Sloped Roof ≤ 2:12) | 82 | 64 | - | - |
| Parking Under Cover | 39 | 32 | - | - |

| Product | Colour | Solar Reflectance Index (SRI) | Solar Reflectance (SR) |
|----------------------------------------------|----------------|-------------------------------|------------------------|
| CASSARA MELVILLE NIAGARA Pavers and Slabs | Amber Beige | 37 | 0.37 |
| | Margaux Beige | 31 | 0.32 |
| | Grey | 29 | 0.29 |
| | Chambord Grey | 26 | 0.27 |
| | Shaded Grey | 20 | 0.22 |
| | Newport Grey | 13 | 0.18 |
| | Scandina Grey | 32 | 0.32 |
| | Rockland Black | 2 | 0.07 |
| CAPIO Paver | Amber Beige | 37 | 0.37 |
| | Scandina Grey | 32 | 0.32 |
| | Rockland Black | 2 | 0.07 |
| CITY Slab | Cameo Beige | 60 | 0.54 |
| | Alpine Grey | 46 | 0.43 |
| | Sterling Grey | 29 | 0.29 |
| EKO Paver | Ash Grey Blend | 31 | 0.31 |
| | Granite Blend | 16 | 0.19 |
| ESBELTO MELVILLE Pavers and Slabs DuraFusion | Hickory | 12 | 0.15 |
| | Marbella | 20 | 0.22 |
| | Silverstone | 19 | 0.21 |
| KENSINGTON Paver | Ash Grey | 32 | 0.31 |
| | Canyon Grey | 18 | 0.20 |
| | Desert Grey | 18 | 0.20 |
| | Granite Blend | 14 | 0.17 |
| EKO KENSINGTON Rectangle Paver | Sierra Black | N/A | N/A |
| KENSINGTON SMOOTH Paver | Ash Grey | 31 | 0.31 |
| | Canyon Grey | 14 | 0.17 |
| | Desert Grey | 19 | 0.21 |
| | Granite Blend | 16 | 0.19 |
| KENSINGTON SMOOTH Rectangle Paver | Sierra Black | N/A | N/A |
| MEGA MELVILLE Paver and Slab | Amber Beige | 37 | 0.37 |
| | Margaux Beige | 31 | 0.32 |
| | Chambord Grey | 26 | 0.27 |
| | Shaded Grey | 20 | 0.22 |
| | Newport Grey | 13 | 0.18 |
| | Scandina Grey | 32 | 0.32 |
| | Rockland Black | N/A | N/A |

| Product | Colour | Solar Reflectance Index (SRI) | Solar Reflectance (SR) |
|------------------------------|----------------|-------------------------------|------------------------|
| METRIK Slab | Scandina Grey | 32 | 0.32 |
| | Rockland Black | 2 | 0.07 |
| MONDRIAN PLUS Paver and Slab | Amboise Beige | 27 | 0.29 |
| | Margaux Beige | 11 | 0.17 |
| | Newport Grey | 9 | 0.15 |
| | Norvick Grey | 26 | 0.25 |
| | Scandina Grey | 25 | 0.27 |
| | Rockland Black | N/A | N/A |
| ROSEBEL Slab | Amboise Beige | 29 | 0.29 |
| | Margaux Beige | 18 | 0.20 |
| | Newport Grey | 14 | 0.17 |
| TRAFALGAR Paver | Norvick Grey | 17 | 0.19 |
| | Margaux Beige | 29 | 0.29 |
| | Newport Grey | 9 | 0.13 |
| VENDOME Paver | Norvick Grey | 17 | 0.20 |
| | Margaux Beige | 28 | 0.29 |
| | Newport Grey | 12 | 0.15 |
| VERTEX Slab | Rockland Black | 4 | 0.08 |
| | Amber Beige | 37 | 0.37 |
| | Scandina Grey | 32 | 0.32 |
| WILFRID Slab | Amber Beige | 37 | 0.37 |
| | Newport Grey | 13 | 0.18 |
| | Scandina Grey | 32 | 0.32 |
| VIRAGE Paver | Scandina Grey | 32 | 0.32 |
| ZEN Paver | Amber Beige | 37 | 0.32 |
| | Scandina Grey | 32 | 0.32 |

N/A: Value not available
The SR and SRI values above are from independent laboratories.

Solar Reflective Index - Architectural

Solar Reflective Index (SRI) is simply a mathematical formula, using the two experimentally derived coefficients, solar reflectance and thermal emittance, to generate a single number. Solar Reflectance is a percentage of sunlight that is reflected by a surface when it is "hit" by sunlight. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates total reflectance. Aged solar reflectance is the solar reflectance of the surface after three years, which, typically is lower than the initial reflectance value. According to LEED® v4, Aged SRI and SR are optional requirements. This report has no three-year aged value, use materials that meet the initial SR and SRI requirements.

| LEED® v4 | Initial SRI | 3 year aged SRI | Initial Solar Reflectance | 3-year aged Solar Reflectance |
|--------------------------------------------------|-------------|-----------------|---------------------------|-------------------------------|
| Non-Roof Applications | - | - | 0.33 | 0.28 |
| Roof Top Application (if Low Sloped Roof ≤ 2:12) | 82 | 64 | - | - |
| Parking Under Cover | 39 | 32 | - | - |

| Product | Colour | Smooth | | Granitech | | Buff | |
|------------------------|----------------------|-------------------------------|------------------------|-------------------------------|------------------------|-------------------------------|------------------------|
| | | Solar Reflectance Index (SRI) | Solar Reflectance (SR) | Solar Reflectance Index (SRI) | Solar Reflectance (SR) | Solar Reflectance Index (SRI) | Solar Reflectance (SR) |
| AGORA Paver | Range Amber Beige | 37 | 0.37 | - | - | - | - |
| | Range Shaded Grey | 20 | 0.22 | - | - | - | - |
| | Range Scandina Grey | 32 | 0.32 | - | - | - | - |
| | Rockland Black | N/A | N/A | - | - | - | - |
| BOULEVARD Paver | Light Cinder Grey | - | - | 28 | 0.28 | 33 | 0.32 |
| | Cinder Grey | 21 | 0.23 | 34 | 0.32 | 27 | 0.27 |
| | Light Charcoal | 16 | 0.19 | 24 | 0.24 | 23 | 0.25 |
| | Charcoal | 22 | 0.23 | 19 | 0.21 | N/A | N/A |
| | Black ETX | 5 | 0.10 | - | - | - | - |
| | Red | 26 | 0.26 | 19 | 0.21 | 26 | 0.27 |
| | Light Grey | 43 | 0.39 | 65 | 0.56 | 54 | 0.48 |
| | Beige Grey | 39 | 0.37 | 47 | 0.42 | 35 | 0.33 |
| | Beige | 41 | 0.38 | 41 | 0.37 | 41 | 0.37 |
| | White | 67 | 0.57 | 69 | 0.59 | 67 | 0.57 |
| | Brown | 21 | 0.22 | N/A | N/A | N/A | N/A |
| | Yellow | 37 | 0.35 | 36 | 0.35 | 39 | 0.37 |
| | Terracotta | 25 | 0.26 | 29 | 0.29 | 32 | 0.31 |
| | Caledonia | N/A | N/A | 29 | 0.29 | 28 | 0.29 |
| | Opal White | - | - | 49 | 0.45 | N/A | N/A |
| | Stanstead Grey | - | - | 40 | 0.37 | 37 | 0.36 |
| | Shefford Beige | - | - | 39 | 0.37 | 37 | 0.36 |
| | Cambrian Brown | - | - | 13 | 0.16 | 13 | 0.16 |
| | Cambrian Black | - | - | 11 | 0.15 | 12 | 0.15 |
| | URBAN Slab | White | 67 | 0.57 | - | - | - |
| Beige Grey | | 39 | 0.37 | - | - | - | - |
| Cinder Grey | | 21 | 0.23 | - | - | - | - |
| Light Grey | | 43 | 0.39 | - | - | - | - |
| Range Bayona Grey | | 11 | 0.14 | - | - | - | - |
| PALEO-TEC Paver | Light Grey | 43 | 0.39 | - | - | - | - |
| | Norvick Grey | 22 | 0.22 | - | - | - | - |
| | Rockland Black | 11 | 0.15 | - | - | - | - |
| | Range Brownstone Red | 14 | 0.17 | - | - | - | - |
| SMARTCAST REFLECT Slab | White | 78 | 0.66 | - | - | - | - |
| VERSAILLES Paver | Alpine Grey | - | - | 31 | 0.33 | - | - |
| | Trenton Grey | - | - | 21 | 0.25 | - | - |
| VERTEX Paver | White | - | - | - | - | - | - |
| | Cinder Grey | 21 | 0.23 | 34 | 0.32 | 27 | 0.27 |
| | Light Charcoal | 16 | 0.19 | 24 | 0.24 | 23 | 0.25 |
| | Charcoal | 22 | 0.23 | 19 | 0.21 | N/A | N/A |
| | Black ETX | 5 | 0.10 | - | - | - | - |
| | Light Grey | 43 | 0.39 | 65 | 0.56 | 54 | 0.48 |
| | Beige Grey | 39 | 0.37 | 47 | 0.42 | 35 | 0.33 |
| | Beige | 41 | 0.38 | 41 | 0.37 | 41 | 0.37 |

- : Not producing this item

N/A : Value not available

The SR and SRI values above are from independent laboratories.

PERMACON

50-Year Warranty

Residential Landscape



Permacon's 50-year warranty applies to landscape and masonry products including Suretouch intended for residential use¹. This warranty statement affirms that products manufactured by Permacon meet the requirements of CSA (Canadian Standard Association) and ASTM (American Society for Testing and Materials) standards.

For details regarding commercial applications, please refer to our institutional, commercial and industrial warranty.

Permacon guarantees that, as of the date of delivery, its concrete products are free from manufacturing defects. Provided that the conditions set forth below are met, Permacon guarantees the structural integrity of the concrete in its landscaping and masonry products for a period of 50 years from the date of the product's purchase. The warranty applies to normal, non-abusive use of the product. To preserve the original appearance of your products, we recommend that you consult our **Landscape Maintenance Guide** available on our website.

IN ALL CASES DETAILED BELOW, THE WARRANTY IS LIMITED TO THE PRODUCTS' MARKET VALUE.

How do I make a claim?



permacon.ca/en/warranty/



Proof of purchase is required to proceed with a claim request. No claims will be accepted without proof of purchase.²

All claims must be reported within 15 days of the discovery of a product's defect. To validate a claim, a Permacon representative will arrive to inspect the defective products in order to confirm whether the claim is eligible. Therefore, it is essential to provide Permacon with the necessary access to inspect and take photos of the affected products.

This warranty is the only one that is presently offered. Because Permacon continually improves and modifies its products, it may alter and discontinue products at any time, and therefore may replace warranty-covered products with products of similar quality or offer monetary compensation if the products under warranty have been discontinued or are no longer on the market while the warranty is active.

In the event that a product is found to be non-compliant by Permacon or an authorized representative of the company, and in order to proceed with compensation, Permacon will take into account the number of months during which the

landscape or masonry products were in the possession of the owner or their contractor, up to the date of the claim, and will prorate the amount of the payment or replacement to be made accordingly.

For example, if the purchaser makes a warranty claim in the last month of the 10th year of the warranty (i.e., the 120th month), the manufacturer, at its sole discretion, shall either:

- Provide a replacement for the product in question if still available (only the defective product will be replaced);
- Return 480/600 of the price paid for the products to the owner. No labour, transportation, or other compensation will be covered by Permacon.

Transferability

The warranty is transferable. Proof of warranty registration will still be required in the event of a claim. The prorated period will be based on the 50-year warranty period remaining as an assignee, if the purchaser transfers the warranty to a subsequent owner, as described above.

¹ The following locations are defined as residential: family dwelling of five units or less, single family homes, garden suites, or townhouses.

² The following documents are considered valid proof of purchase: invoices directly from an authorized Permacon distributor, or invoice from a landscape contractor, general contractor, mason, or home builder.

Exclusions

A landscape or masonry product installed on an area of more than **100 square feet** confirms the acceptance of the product received on the job site and that no claim can be made to Permacon regarding the colour, size, or texture of the product.

This warranty excludes all products not supplied by Permacon, as well as any defects, failures, or damages that may result from the actions listed below:

- Contact with chemicals or cleaning products;
- Damage caused by pressure washers;
- Improper installation or other construction activities that do not comply with the installation standards established by ICPI, NCMA or IMQ, the National Building Code or the installation methods and tips recommended by Permacon. The installation guides provided by Permacon represent certain installation situations and are not exhaustive. It is therefore strongly recommended that you consult a qualified professional to ensure the proper installation of Permacon products on a specific job site;
- Defective design or construction resulting in sagging, shifting, or failure;
- Breakage due to shock, impact, or excessive load during handling, use, or transportation;
- Natural disaster or other uncontrollable event;
- Breakage and damage to products caused by soil movement or building movement as well as misuse of construction, compaction, or snow removal equipment. The warranty does not cover surface deterioration caused by the misuse of sodium chloride (NaCl) to de-ice pavers, slabs, or steps;
- The use of sodium chloride (NaCl) on the following products:
 - Step Valentia;
 - Valentia Block;
- Be.OnStone, Mirage and Techniseal products sold by Permacon.

Installation

When installing masonry products, all work must be cleaned to remove any residues and contaminants left on the stone or brick. Permacon accepts no responsibility for stains and colour changes caused by installation residue or the consequences of cleaning these residues.

Colour

The presence of natural ingredients used in the manufacturing process varies from one product to another. Therefore, the product received on the job site will not be completely identical to the products displayed in our commercial presentations (catalogs, samples, displays). Any difference in colour will not be covered by the guarantee.

Photos of our products in landscape and masonry brochures, as well as in displays such as masonry panels and landscape racks at our distributors, are not an exact representation of the products that will be delivered to the job site. Permacon offers a variety of products with different colours to reproduce the appearance of natural stone. It is therefore strongly recommended that you view several products directly from your authorized Permacon distributor to see all available colours.

It is the purchaser's responsibility to approve the products (and their colour) delivered to the job site prior to installation to confirm satisfaction. It is also recommended to mix products from different pallets received on the job site. Since variations in colour shades are a natural phenomenon, Permacon does not guarantee colour uniformity between different pallets on the same job site. Product installation constitutes acceptance.

Polymeric film

A whitish polymeric film can be found on the surface of Permacon's products. This is the result of an inadequate use of polymeric sand. Improper cleaning of slabs and pavers prior to the application of water on the product surface can cause this whitish polymeric film. This film does not affect the structural integrity of the product. Permacon cannot be held responsible for this phenomenon, which is not covered by the warranty.

Efflorescence

White traces on the surface of the product are caused by a natural phenomenon called efflorescence. More visible on darker products, efflorescence affects neither the intrinsic technical qualities nor the structural integrity of Permacon's products. The possible appearance of efflorescence cannot be the subject of any guarantee. In most cases, efflorescence disappears by itself over time.

Our Preventive Maintenance Guide for Concrete Landscaping Products is available on our website permacon.ca

Warranty

Institutional, Commercial and Industrial Landscaping

Permacon's warranty applies to landscaping and masonry products including Suretouch intended for institutional, commercial and industrial use¹. This warranty statement affirms that products manufactured by Permacon meet the requirements of the Canadian Standard Association (CSA) and American Society for Testing and Materials (ASTM).

Permacon guarantees that, as of the date of delivery, our concrete products are free from manufacturing defects. Provided the conditions set forth below are met, Permacon guarantees the structural integrity of the concrete in its landscaping products for a period of 5 years from the date of purchase of the product. The masonry products will be guaranteed for a period of 50 years. The warranty applies to normal, non-abusive use of the product.

IN ALL CASES DETAILED BELOW, THE WARRANTY IS LIMITED TO THE PRODUCTS' MARKET VALUE.

How do I make a claim?



permacon.ca/en/warranty/



Proof of purchase will be required to proceed with a claim request. No claims will be accepted without proof of purchase.²

All claims must be reported within 15 days of the discovery of a product's defect. To validate a claim, a Permacon representative will arrive to inspect the defective products in order to confirm whether the claim is admissible. Therefore, it is essential to provide Permacon with the necessary access to inspect and take photos of the products in question.

This warranty is the only one that is presently offered. Because Permacon continually improves and modifies its products, it may alter and discontinue products at any time, and therefore may replace warranty-covered products with products of similar quality or offer monetary compensation if the products under warranty have been discontinued or are no longer on the market while the warranty is active.

In the event that a product is found to be non-conforming by Permacon or an authorized representative of the company, and in order to proceed with compensation, Permacon will take into account the number of months during which the

landscaping or masonry products were in the possession of the owner or their contractor, up to the date of the claim, and will prorate the amount of the payment or replacement to be made accordingly.

For example: if the purchaser makes a warranty claim in the last month of the 2nd year of the warranty (i.e., the 24th month), the manufacturer, at its sole discretion, shall either :

- Provide a replacement for the product in question if still available (only the defective product will be replaced);
- Return 36/60 of the price paid for the products to the owner. No labor, transportation, or other compensation costs will be covered by Permacon.

Transferability

The warranty is transferable. Proof of warranty registration will still be required in the event of a claim. The prorated period will be based on the warranty period remaining as an assignee, if the purchaser transfers the limited warranty to a subsequent owner, as described above.

¹ The following areas are defined as institutional, commercial and industrial: public areas, businesses, family dwelling of six units or more, and all other non-residential areas

² The following documents are considered valid proof of purchase: an invoice from an authorized Permacon distributor or an invoice from a landscape contractor, general contractor, or mason

Exclusions

A landscaping or masonry product installed on an area of more than **100 square feet** confirms the acceptance of the product received on site and that no claim can be made to Permacon regarding the colour, size, or texture of the product.

This limited warranty excludes all products not supplied by Permacon, as well as any defects, failures, or damages that may result from the actions listed below:

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- Damage caused by pressure washers;
- Improper installation or other construction activities that do not comply with the installation standards established by ICPI, NCMA or IMQ, the National Building Code or the installation methods and tips recommended by Permacon. The installation guides provided by Permacon represent certain installation situations and are not exhaustive. It is therefore strongly recommended that you consult a qualified professional to ensure the proper installation of Permacon products on a specific job site;
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A whitish polymeric film can be found on the surface of our products. This is the result of an inadequate use of polymeric sand. Improper cleaning of slabs and pavers prior to the application of water on the products' surface can cause this whitish polymeric film. This film does not affect the structural integrity of the product. Permacon cannot be held responsible for this phenomenon, which is not covered by the warranty.

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