

PERMACON

2025

Architectural Landscape Product Data Guide
Greater Toronto Area



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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



Architectural Applications

- 04 Roadway Architectural Pavers
- 06 Architectural Pavers
- 08 Ecological Architectural Pavers
- 09 Rooftop Architectural Slabs
- 09 Retaining Wall Systems

Applications: ROADWAY Architectural Pavers

Pavers specially developed for vehicular applications on streets with heavy traffic.



Heavy Commercial



Vehicular



Ports and industrial areas



Roads



Roundabouts



Pedestrian crosswalks



Bus stops



Loading docks



Boulevard TLI 100 150 x 300

100 x 150 x 300 mm	4 x 5 7/8 x 11 13/16 in.
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Boulevard TLI 100 300 x 300

100 x 300 x 300 mm	4 x 11 13/16 x 11 13/16 in.
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Boulevard TLI 100 300 x 700

100 x 300 x 700 mm	4 x 11 13/16 x 27 9/16 in.
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Can be installed with **Boulevard TLI 100 - 150 x 300, 300 x 300**

Boulevard TLI 100 Crescendo

100 x 300 x 400 mm	4 x 11 13/16 x 15 3/4 in.	A
100 x 300 x 500 mm	4 x 11 13/16 x 19 11/16 in.	B
100 x 300 x 600 mm	4 x 11 13/16 x 23 5/8 in.	C

Boulevard TLI 150 200 x 200

150 x 200 x 200 mm	5 7/8 x 7 7/8 x 7 7/8 in.
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Can be installed with **Boulevard TLI 150 - Crescendo 320**
Can also be installed in light commercial applications

Boulevard TLI 150 125 x 500

150 x 500 x 125 mm	5 7/8 x 19 11/16 x 4 15/16 in.
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Can be installed with **Boulevard TLI 150 - 250 x 500, 500 x 500, 500 x 750 and Crescendo 125**

Boulevard TLI 150 250 x 500

150 x 500 x 250 mm	5 7/8 x 19 11/16 x 9 7/8 in.
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Can be installed with **Boulevard TLI 150 - 125 x 500, 500 x 500, 500 x 750 and Crescendo 125**

Boulevard TLI 150 500 x 500

150 x 500 x 500 mm	5 7/8 x 19 11/16 x 19 11/16 in.
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Boulevard TLI 150 750 x 500

150 x 750 x 500 mm	5 7/8 x 29 1/2 x 19 11/16 in.
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Boulevard TLI 150 Crescendo 125

150 x 125 x 333.33 mm	5 7/8 x 4 15/16 x 13 1/8 in.	A
150 x 125 x 416.67 mm	5 7/8 x 4 15/16 x 16 3/8 in.	B
150 x 125 x 458.33 mm	5 7/8 x 4 15/16 x 18 in.	C
150 x 125 x 500 mm	5 7/8 x 4 15/16 x 19 11/16 in.	D
150 x 125 x 541.67 mm	5 7/8 x 4 15/16 x 21 5/16 in.	E
150 x 125 x 583.33 mm	5 7/8 x 4 15/16 x 23 in.	F

Can be installed with **Boulevard TLI 150 - 125 x 500, 250 x 500, 500 x 500, 500 x 750**

Boulevard TLI 150 Crescendo 320

150 x 320 x 240 mm	5 7/8 x 12 5/8 x 9 1/2 in.	A
150 x 320 x 320 mm	5 7/8 x 12 5/8 x 12 5/8 in.	B
150 x 320 x 360 mm	5 7/8 x 12 5/8 x 14 3/16 in.	C
150 x 320 x 400 mm	5 7/8 x 12 5/8 x 15 3/4 in.	D
150 x 320 x 440 mm	5 7/8 x 12 5/8 x 17 5/16 in.	E

Can be installed with **Boulevard TLI 150 - 200 x 200**
Can also be installed in light commercial applications

Boulevard TLI 200 Crescendo 300

200 x 300 x 300 mm	7 7/8 x 11 13/16 x 11 13/16 in.	A
200 x 300 x 412,5 mm	7 7/8 x 11 13/16 x 16 1/4 in.	B
200 x 300 x 487,5 mm	7 7/8 x 11 13/16 x 19 3/16 in.	C
200 x 300 x 525 mm	7 7/8 x 11 13/16 x 20 5/8 in.	D
200 x 300 x 562,5 mm	7 7/8 x 11 13/16 x 22 1/8 in.	E
200 x 300 x 637,5 mm	7 7/8 x 11 13/16 x 25 1/8 in.	F
200 x 300 x 675 mm	7 7/8 x 11 13/16 x 26 9/16 in.	G

Can be installed with **Boulevard TLI 150 - 200 x 200**
Can also be installed in light commercial applications

Boulevard 300 150 x 300

100 x 150 x 300 mm	4 x 5 7/8 x 11 13/16 in.
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Can be installed with **Boulevard 300 - 150 x 450, 100 x 450, 200 x 600, 600 x 600, 300 x 600**

Can also be installed in light commercial applications

Boulevard 300 300 x 300

100 x 300 x 300 mm	4 x 11 13/16 x 11 13/16 in.
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Can be installed with **Boulevard 300 - 150 x 450, 100 x 450, 200 x 600, 600 x 600, 300 x 600**

Can also be installed in light commercial applications

Paleo-Tec

100 x 140 x 220 mm	4 x 5 1/2 x 8 5/8 in.
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All Boulevard Crescendo Pavers can be installed together.

Applications: Architectural Pavers

Pavers used for vehicular and pedestrian applications.



Light Commercial



Pedestrian



Vehicular



Parking lots



Medians



Street sidewalks



Commercial spaces



Parks



Walkways



Boulevard Hexagon

90 x 150 x 300 - 254 mm 3 1/8 x 5 7/8 x 11 11/16 - 10 1/16 in.

Boulevard Tactile

100 x 300 x 300 mm 4 x 11 13/16 x 11 13/16 in.

Boulevard TLI 80 120 x 240

90 x 120 x 240 mm 3 1/8 x 4 3/4 x 9 1/2 in.

Boulevard TLI 90 160 x 240

90 x 160 x 240 mm 3 1/2 x 6 5/16 x 9 1/2 in.

Can be installed with **Boulevard TLI 90 Grand Rectangle** and **Crescendo 320**

Boulevard TLI 90 320 x 520

90 x 320 x 520 mm 3 1/2 x 12 5/8 x 20 23/48 in.

Can be installed with **Boulevard TLI 90 Small Rectangle** and **Crescendo 320**

Boulevard TLI 90 Crescendo 320

90 x 320 x 240 mm 3 1/2 x 12 5/8 x 9 1/2 in. A

90 x 320 x 320 mm 3 1/2 x 12 5/8 x 12 5/8 in. B

90 x 320 x 360 mm 3 1/2 x 12 5/8 x 14 3/16 in. C

90 x 320 x 400 mm 3 1/2 x 12 5/8 x 15 3/4 in. D

90 x 320 x 440 mm 3 1/2 x 12 5/8 x 17 5/16 in. E

Can be installed with **Boulevard TLI 90 Small and Large Rectangle**

Boulevard 300 100 x 450

100 x 100 x 450 mm 4 x 4 x 17 3/4 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 300 150 x 450

100 x 150 x 450 mm 4 x 5 7/8 x 17 3/4 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 300 100 x 600

100 x 100 x 600 mm 4 x 4 x 23 5/8 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 300 200 x 400

100 x 200 x 400 mm 4 x 7 7/8 x 15 3/4 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 300 200 x 600

100 x 200 x 600 mm 4 x 7 7/8 x 23 5/8 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 300 300 x 600

100 x 300 x 600 mm 4 x 11 13/16 x 23 5/8 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 300 600 x 600

100 x 600 x 600 mm 4 x 23 5/8 x 23 5/8 in.

Can be installed with **Boulevard 300 - 150 x 300, 300 x 300**

Boulevard 500 500 x 500

100 x 500 x 500 mm 4 x 19 11/16 x 19 11/16 in.

Available in several finishes

Can also be installed in light commercial applications

Agora

80 x 167 x 300 mm 3 1/8 x 6 9/16 x 11 in. A

80 x 200 x 300 mm 3 1/8 x 7 7/8 x 11 in. B

80 x 233 x 300 mm 3 1/8 x 9 3/16 x 11 in. C

Agora A, B, C are sold together

Agora Large Rectangle

80 x 233 x 300 mm 3 1/8 x 9 3/16 x 11 in.

Agora 100

100 x 167 x 300 mm 4 x 6 9/16 x 11 in. A

100 x 200 x 300 mm 4 x 7 7/8 x 11 in. B

100 x 233 x 300 mm 4 x 9 3/16 x 11 in. C

Agora A, B, C are sold together

Can also be installed in light commercial applications

Agora 100 - Large Rectangle

100 x 233 x 300 mm 4 x 9 3/16 x 11 in.

Vertex





100 x 150 and 300 x 600 mm 4 x 5 7/8 and 11 13/16 x 23 5/8 in.

Can be installed with **Boulevard 300**

Applications: ECOLOGICAL Architectural Pavers



Environmentally friendly pavers used for vehicular and pedestrian applications.

 Light Commercial
  Pedestrian
  Vehicular
  Permeable



Parking lots



Sidewalks



Parks

Boulevard Verde

100 x 300 x 450 mm	4 x 11 13/16 x 17 3/4 in.
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Turfstone Paver

100 x 598 x 398 mm	4 x 23 9/16 x 15 5/8 in.
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Boulevard Drain

100 x 209 x 209 mm	4 x 8 1/4 x 8 1/4 in.
100 x 150 x 300 mm	4 x 5 7/8 x 11 13/16 in.



Virage

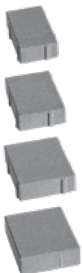
80 x 300 x 300 mm	3 1/8 x 11 7/8 x 11 7/8 in.
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Agora Aqua

80 x 167 x 300 mm	3 1/8 x 6 9/16 x 11 in.	A
80 x 200 x 300 mm	3 1/8 x 7 7/8 x 11 in.	B
80 x 233 x 300 mm	3 1/8 x 9 3/16 x 11 in.	C
80 x 233 x 300 mm	3 1/8 x 9 3/16 x 11 in.	Large Rectangle

Agora A, B, C are sold together



Zen

80 x 190 x 380 mm	3 1/8 x 7 1/2 x 15 in.
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AquaPave

80 x 98 x 198 mm	3 1/8 x 3 41/48 x 7 in.
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Applications: ROOFTOP Architectural Pavers

Slabs used for rooftop terraces.



 Pedestrian  Rooftop

Granular Base

Pedestal Rooftop

High Reflectance

SmartCast Reflect

50 x 600 x 600 mm	2 x 23 5/8 x 23 5/8 in.			
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Urban

55 x 610 x 610 mm	2 3/16 x 24 x 24 in.			
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Versailles

50 x 610 x 610 mm	2 x 24 x 24 in.			
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Applications: Retaining WALL Systems

Retaining walls (maximum allowable above ground height).

		GRAVITY WALLS				REINFORCED WALLS			
		WITHOUT surcharge	WITH surcharge			WITHOUT surcharge	WITH surcharge		
			Slope 1V: 3H	Parking 5 kN/m ² (100 lb/ft ²)	Roads 12 kN/m ² (250 lb/ft ²)		Slope 1V: 3H	Parking 5 kN/m ² (100 lb/ft ²)	Roads 12 kN/m ² (250 lb/ft ²)
	Slope								
Grande	0 degrees	7.55 ft. (2.3 m)	5.25 ft. (1.6 m)	6.56 ft. (2.0 m)	4.59 ft. (1.4 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)
	9 degrees	9.51 ft. (2.9 m)	6.56 ft. (2.0 m)	8.53 ft. (2.6 m)	6.56 ft. (2.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)
	17 degrees	11.81 ft. (3.6 m)	8.36 ft. (2.7 m)	10.50 ft. (3.2 m)	8.53 ft. (2.6 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)
Keystone	2 degrees	1.67 ft. (0.5 m)	N/A	N/A	N/A	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)
	9 degrees	2.33 ft. (0.7 m)	N/A	N/A	N/A	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)	30.00 ft. (9.0 m)

Please note that with proper engineering the above wall heights can be exceeded. For more information about Grande and Keystone wall designs, please contact your Permacon representative.



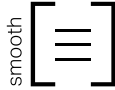


Alternative Landscaping

12 Artex Panel System


Artex Panel System®

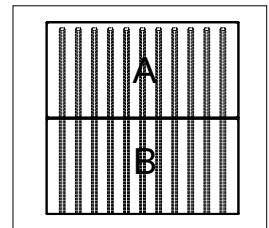
Resources and Inspiration
Download the ARTEX
Idea Book and discover a
multitude of great ideas!



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



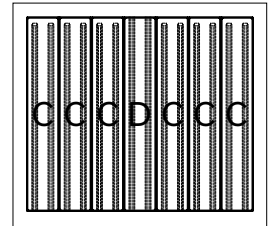
Code	Colour	Typical Row
16253301	Range Scandina Grey	
16253446	Range Shaded Grey	
16253451	Range Amber Beige	
Sold by piece Production location Metcalfe		



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 piece 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
70971536	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
70971535	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
70971533	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
70971532	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
70971534	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	70971536	32
Joining plate	70971532	4
Outer corner	70971535	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	70971536	74
Joining plate	70971532	16
Outer corner	70971535	20
Stretcher bar	70971534	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	70971536	66
Joining plate	70971532	16
Outer corner	70971535	16
Stretcher bar	70971534	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	70971536	36
Joining plate	70971532	10
Outer corner	70971535	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	70971536	36
Joining plate	70971532	10
Outer corner	70971535	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	70971536	44
Joining plate	70971532	14
Outer corner	70971535	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	70971536	72
Joining plate	70971532	24
Outer corner	70971535	10
Inner corner	70971533	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	70971536	106
Joining plate	70971532	28
Outer corner	70971535	21
Inner corner	70971533	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	70971536	146
Joining plate	70971532	52
Outer corner	70971535	22
Inner corner	70971533	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	70971536	76
Joining plate	70971532	34
Outer corner	70971535	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	70971536	48
Joining plate	70971532	16
Outer corner	70971535	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	70971536	108
Joining plate	70971532	42
Outer corner	70971535	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	70971536	16
	Outer corner	70971535	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	70971536	16
	Outer corner	70971535	8
Gas Fire Pit* 	Description	Code	Quantity
	18 x 36 panel - closed	ACCORDING TO COLOUR	4
	Anchor Slide	70971536	16
	Outer corner	70971535	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	70971536	48
	Joining plate	70971532	8
	Outer corner	70971535	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	70971536	48
	Joining plate	70971532	8
	Outer corner	70971535	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	70971536	40
	Joining plate	70971532	6
	Outer corner	70971535	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	70971536	56
	Joining plate	70971532	14
	Outer corner	70971535	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	70971536	62
Joining plate	70971532	12
Outer corner	70971535	18
Stretcher bar	70971534	1

Privacy Wall with Bench*



Description	Code	Quantity
18 x 36 panel	ACCORDING TO COLOUR	6
Anchor Slide	70971536	28
Joining plate	70971532	2
Outer corner	70971535	8
Stretcher bar	70971534	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	70971536	43
Joining plate	70971532	24
Outer corner	70971535	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	70971536	66
Joining plate	70971532	12
Outer corner	70971535	20
Stretcher bar	70971534	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	70971536	54
Joining plate	70971532	18
Outer corner	70971535	8
Stretcher bar	70971534	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	70971536	153
Joining plate	70971532	46
Outer corner	70971535	20
Inner corner	70971533	4
Stretcher bar	70971534	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	70971536	168
Joining plate	70971532	48
Outer corner	70971535	32
Stretcher bar	70971534	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	70971536	210
Joining plate	70971532	54
Outer corner	70971535	44
Inner corner	70971533	4
Stretcher bar	70971534	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	70971536	116
Joining plate	70971532	40
Outer corner	70971535	14
Inner corner	70971533	2
Stretcher bar	70971534	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	70971536	132
Joining plate	70971532	22
Outer corner	70971535	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	70971536	60
Joining plate	70971532	26
Outer corner	70971535	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.





Architectural Pavers

- 20 **Agora Paver**
- 22 **Boulevard 300 Paver**
- 25 **Boulevard 500 Paver**
- 26 **Boulevard Hexagon Paver** *New*
- 27 **Boulevard Striated Paver**
- 28 **Boulevard Tactile Paver** *New*
- 29 **Boulevard TLI 80 Paver**
- 30 **Boulevard TLI 90 Paver**
- 31 **Boulevard TLI 100 Paver**
- 33 **Boulevard TLI 150 Paver**
- 35 **Boulevard TLI 90 Crescendo 320 Paver**
- 36 **Boulevard TLI 100 Crescendo 300 Paver**
- 37 **Boulevard TLI 150 Crescendo 125 Paver**
- 38 **Boulevard TLI 150 Crescendo 320 Paver**
- 39 **Boulevard TLI 200 Crescendo 300Paver**
- 40 **Niagara 60 and 80 Paver**
- 41 **Paleo-Tec Paver**
- 42 **Vertex Paver**

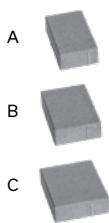
Agora Paver



Light
Commercial



80 mm



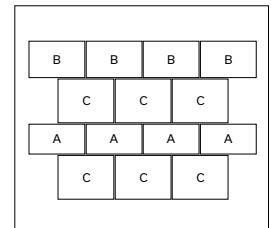
	Dimensions mm	Dimensions in.
A	80 x 167 x 300	3 1/8 x 6 9/16 x 11
B	80 x 200 x 300	3 1/8 x 7 7/8 x 11
C	80 x 233 x 300	3 1/8 x 9 3/16 x 11
Weight/unit (avg.)	11 kg	24 lb
Unit/area (avg.)	13.27 units/m ²	1.51 units/ft ²
Area/layer	0.86 m ²	9.26 ft ²
Area/cube	6.88 m²	8 Rows
Length/row	4.20 lin. m	13.78 lin. ft
Length/cube	33.60 lin. m	110.24 lin. ft
Weight/cube	1265 kg	2789 lb

Colour

Standard

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

Typical Row



Large Rectangle 80 mm



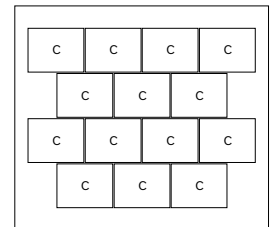
	Dimensions mm	Dimensions in.
	80 x 233 x 300	3 1/8 x 9 3/16 x 11
Weight/unit (avg.)	13 kg	28 lb
Unit/area (avg.)	14.28 units/m ²	1.33 units/ft ²
Area/layer	0.98 m ²	10.55 ft ²
Area/cube	7.84 m²	8 Rows
Length/row	4.20 lin. m	13.78 lin. ft
Length/cube	33.60 lin. m	110.24 lin. ft
Qty/cube	112 units	112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

Colour

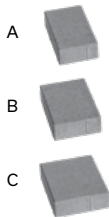
Standard

Rockland Black
Range Amber Beige
Range Shaded Grey
Range Scandina Grey

Typical Row



100 mm



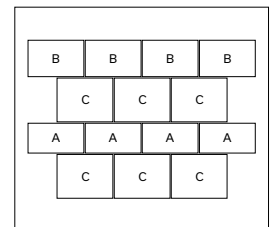
	Dimensions mm	Dimensions in.
A	100 x 167 x 300	4 x 6 9/16 x 11
B	100 x 200 x 300	4 x 7 7/8 x 11
C	100 x 233 x 300	4 x 9 3/16 x 11
Weight/unit (avg.)	13 kg	29 lb
Unit/area (avg.)	13.27 units/m ²	1.51 units/ft ²
Area/layer	0.86 m ²	9.26 ft ²
Area/cube	8.60 m²	10 Rows
Length/row	4.20 lin. m	13.78 lin. ft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

Colour

Standard

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

Typical Row



Agora Paver - cont'd

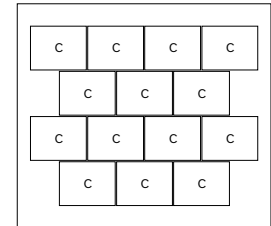
Large
Rectangle
100 mm



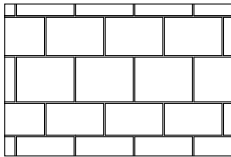
	Dimensions mm	Dimensions in.
	100 x 233 x 300	4 x 9 3/16 x 11
Weight/unit (avg.)	15.6 kg	33.1 lb
Unit/area (avg.)	14.28 units/m²	1.33 units/ft²
Area/layer	0.98 m²	10.55 ft²
Area/cube	9.80 m²	10 Rows
Length/row	4.20 lin. m	13.78 lin. ft
Length/cube	42 lin. m	137.80 lin. ft
Qty/cube	140 units	140 units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

Colour
Standard
Rockland Black
Range Amber Beige
Range Shaded Grey
Range Scandina Grey

Typical Row



Laying Pattern



Linear

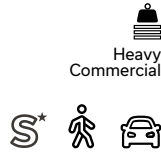
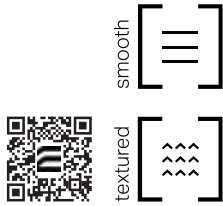
TECHNICAL INFORMATION

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.

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

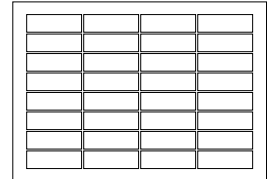
100 x 300



	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		

Typical Row



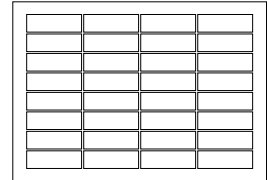
100 x 600



	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		

Typical Row



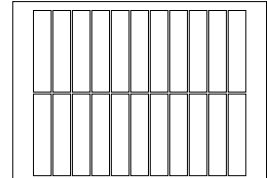
100 x 450



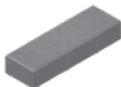
	Dimensions mm	Dimensions in.
B	100 x 100 x 450	4 x 4 x 17 3/4
Unit/area	22.22 units/m ²	2.06 units/ft ²
Cube ft ²	85.28	10.66 per row
Cube ft ²	85.28	10.66 per row
Cube ft ²	63.96	10.66 per row

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		

Typical Row



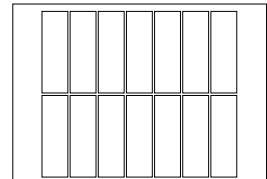
150 x 450



	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		

Typical Row



Boulevard 300 Paver - cont'd

150 x 150

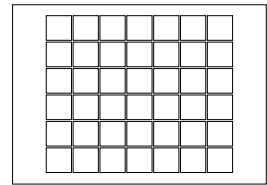


	Dimensions mm	Dimensions in.
D	100 x 150 x 150	4 x 5 7/8 x 5 7/8
Unit/area	44.44 units/m ²	4.12 units/ft ²
Cube ft ²	81.36	10.17 per row
Cube ft ²	81.36	10.17 per row
Cube ft ²	61.02	10.17 per row

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

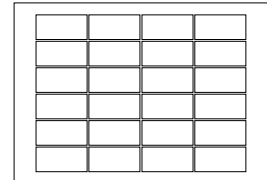


	Dimensions mm	Dimensions in.
E	100 x 150 x 300	4 x 5 7/8 x 11 13/16
Unit/area	22.22 units/m ²	2.06 units/ft ²
Cube ft ²	69.78	11.63 per row

Mass/ft ²	22.33 kg	49.13 lb
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Sold separately

Typical Row



300 x 300

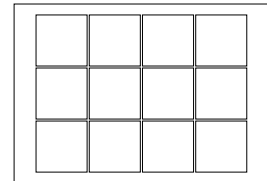


	Dimensions mm	Dimensions in.
F	100 x 300 x 300	4 x 11 13/16 x 11 13/16
Unit/area	11.11 units/m ²	1.03 units/ft ²
Cube ft ²	69.78	11.63 per row

Mass/ft ²	22.33 kg	49.13 lb
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Sold separately

Typical Row



200 x 400

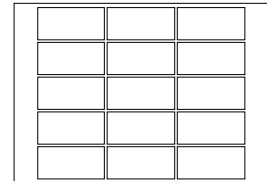


	Dimensions mm	Dimensions in.
K	100 x 200 x 400	4 x 7 7/8 x 15 3/4
Unit/area	12.50 units/m ²	1.16 units/ft ²
Cube ft ²	90.44	12.92 per row

Mass/ft ²	22.33 kg	49.13 lb
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Sold separately

Typical Row



200 x 600

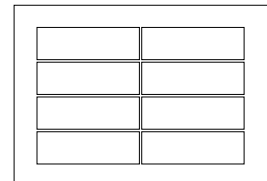


	Dimensions mm	Dimensions in.
G	100 x 200 x 600	4 x 7 7/8 x 23 5/8
Unit/area	8.33 units/m ²	0.77 unit/ft ²
Cube ft ²	72.31	10.33 per row

Mass/ft ²	22.33 kg	49.13 lb
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Sold separately

Typical Row



300 x 600

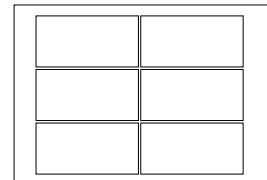


	Dimensions mm	Dimensions in.
H	100 x 300 x 600	4 x 11 13/16 x 23 5/8
Unit/area	5.55 units/m ²	0.52 unit/ft ²
Cube ft ²	69.78	11.63 per row

Mass/ft ²	22.33 kg	49.13 lb
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Sold separately

Typical Row



600 x 600

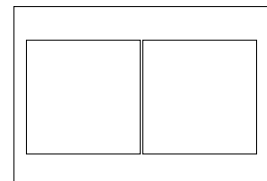


	Dimensions mm	Dimensions in.
I	100 x 600 x 600	4 x 23 5/8 x 23 5/8
Unit/area	2.77 units/m ²	0.26 unit/ft ²
Cube ft ²	46.5	7.75 per row
Cube ft ²	81.36	10.17 per row
Cube ft ²	61.02	10.17 per row

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

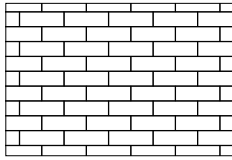
Sold separately

Typical Row

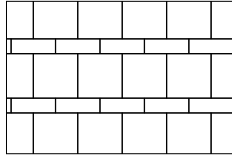


Boulevard 300 Paver - cont'd

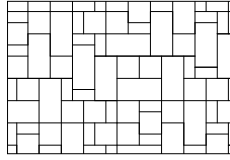
Laying Patterns



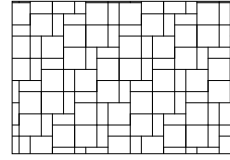
Linear



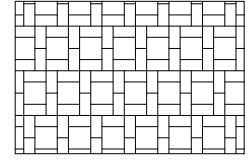
Linear modified
25% F + 75% G



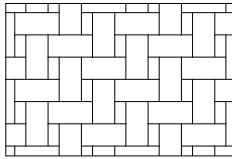
Modular
12% C + 21% D + 67% E



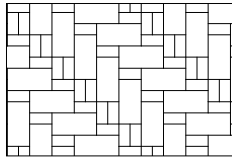
Modular
50% C + 50% D



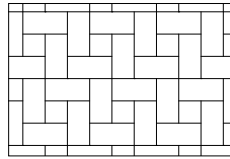
Modular
33% C + 67% D



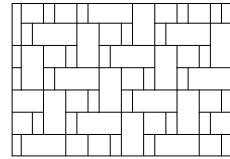
Modular
11% C + 89% E



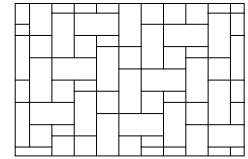
Modular
33% C + 67% E



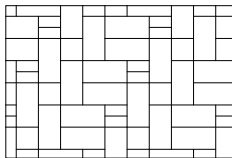
Modular
11 D + 89 E



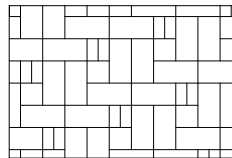
Modular
8% C + 25% D + 67% E



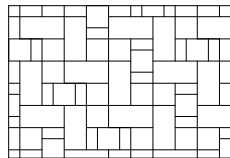
Modular
5% C + 24% D + 71% E



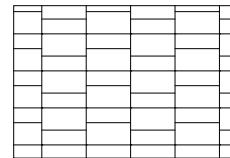
Modular
10% C + 10% D + 80% E



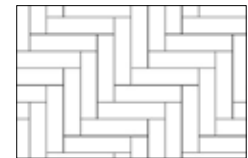
Modular
8% C + 10% D + 80% E



Modular
12% C + 38% D + 50% E



Checkerboard modified
60% E + 40% F



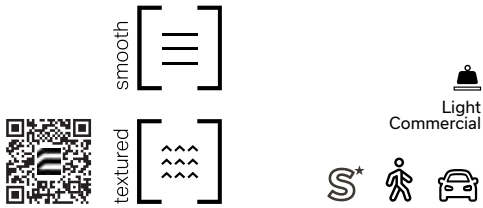
Herringbone
100% A or 100% B

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							
150 x 150	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 300							
300 x 300							
200 x 600							
300 x 600							
600 x 600							
600 x 600							

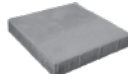
Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example 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

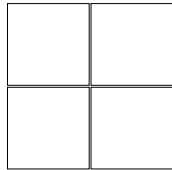


smooth [≡]	Colour
	White - Smooth
	Cinder Grey - Smooth
	Charcoal - Smooth
	Light Charcoal - Smooth
	Black ETX - Smooth
	Light Grey - Smooth
	Beige Grey - Smooth
	Beige - Smooth
	Red - Smooth

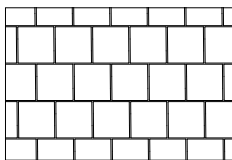
Colour	
textured [≡ ≡ ≡]	Cinder Grey - Granitech
	Light Charcoal - Granitech
	Charcoal - Granitech
	Light Grey - Granitech
	Beige Grey - Granitech
	Beige - Granitech
	Opal White - Granitech
	Stanstead Grey - Granitech
	Cambrian Brown - Granitech
Cambrian Black - Granitech	

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

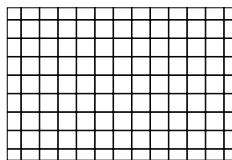
Mass/ft ²	22.33 kg	49.13 lb
Mass/ft ²	23.63 kg	51.99 lb
Mass/ft ²	28.83 kg	63.40 lb
Sold separately		

Typical Row	
	

Laying Patterns



Linear



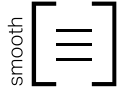
Checkerboard

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: Width: Height:	-1.0 to +2.0 mm -1.0 to +2.0 mm ±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.


New Boulevard Hexagon Paver

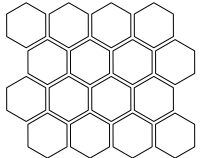


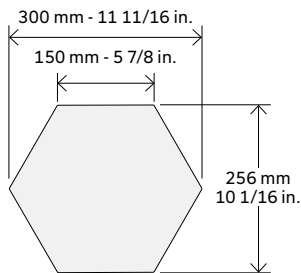
Light
Commercial



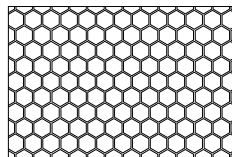
smooth [≡]	Colour
	White - Smooth
	Cinder Grey - Smooth
	Charcoal - Smooth
	Light Charcoal - Smooth
	Black ETX - Smooth
	Light Grey - Smooth
	Beige Grey - Smooth
	Beige - Smooth
	Red - Smooth

	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

Typical Row		
		
Mass/ft ²	22.33 kg	49.13 lb



Laying Pattern



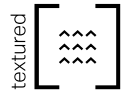
Checkerboard

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

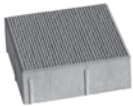
Setting of joint-filling sand: Cover the vibrating plate with a removable rubber tread (neoprene or polypropylene). Cover the snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches or concrete shards. Laying patterns: These laying patterns are by way of example 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



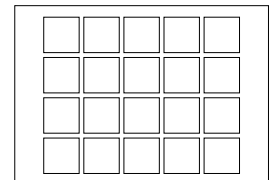
Colour

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



	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

Typical Row



TECHNICAL INFORMATION


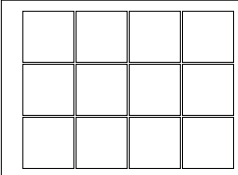
Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Boulevard Striated Paver	CSA A231.2	N/A	μ 50 MPa ≥ 45 MPa	225 g/m ² after 28 cycles 500 g/m ² after 49 cycles	N/A	N/A	Length: -1.0 to +2.0 mm Width: -1.0 to +2.0 mm Height: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

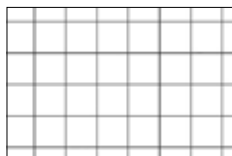
New Boulevard Tactile Paver



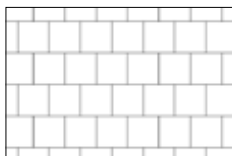
Colour
Cinder Grey

	Dimensions mm	Dimensions in.	Typical Row		
	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			

Laying Patterns



Checkerboard



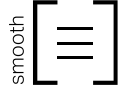
Offset

TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Boulevard Tactile 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 TLI 80 Paver



Colour

White - Smooth

Cinder Grey - Smooth

Charcoal - Smooth

Light Charcoal - Smooth

Black ETX - Smooth

Light Grey - Smooth

Beige Grey - Smooth

Beige - Smooth

Red - Smooth

120 x 240



Dimensions mm

90 x 120 x 240

Unit/area

34.7 units/m²

Cube ft²

115.32

Dimensions in.

3 1/8 x 4 3/4 x 9 1/2

3.23 units/ft²

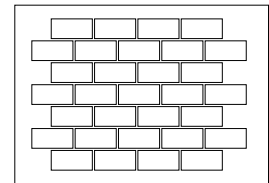
9.61 per row

Mass/ft²

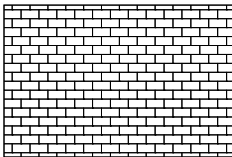
17.36 kg

38.19 lb

Typical Row



Laying Pattern



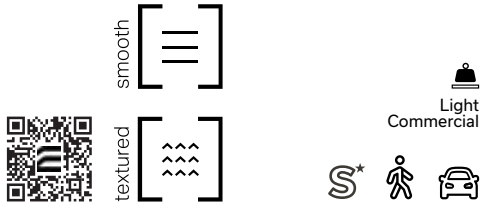
Mechanical

TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Boulevard TLI 80 Paver 120 x 240	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 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
	Unit/area	26 units/m ²
	Cube ft ²	86.8

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

Typical Row

320 x 520	Dimensions mm	Dimensions in.
	B	90 x 320 x 520
	Unit/area	6 units/m ²
	Cube ft ²	86

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

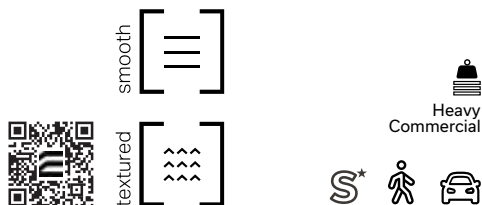
Typical Row

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

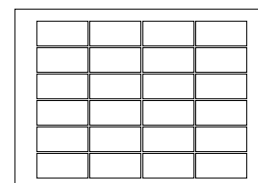
textured [≡≡≡]	Colour
	Cinder Grey - Granitech
	Light Charcoal - Granitech
	Charcoal - Granitech
	Light Grey - Granitech
	Beige Grey - Granitech
	Beige - Granitech
	Opal White - Granitech
	Stanstead Grey - Granitech
	Cambrian Brown - Granitech
	Cambrian Black - Granitech


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/m²	2.06 units/ft²
	Cube ft²	69.78	11.63 per row

Mass/ft²	22.33 kg	49.13 lb
Mass/ft²	23.63 kg	51.99 lb
Mass/ft²	28.83 kg	63.40 lb

Sold separately

Typical Row

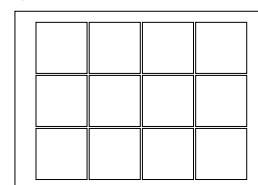



300 x 300		Dimensions mm	Dimensions in.
	B	100 x 300 x 300	4 x 11 13/16 x 11 13/16
	Unit/area	11.11 units/m²	1.03 units/ft²
	Cube ft²	69.78	11.63 per row

Mass/ft²	22.33 kg	49.13 lb
Mass/ft²	23.63 kg	51.99 lb
Mass/ft²	28.83 kg	63.40 lb

Sold separately

Typical Row

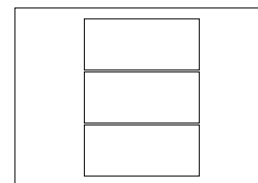


300 x 700		Dimensions mm	Dimensions in.
	C	150 x 300 x 700	4 x 11 13/16 x 27 9/16
	Unit/area	22.8 units/m²	50.16 units/ft²
	Cube ft²	54.24	6.78 per row

Mass/ft²	22.8 kg	50.16 lb
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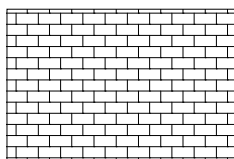
Smooth finish only

Typical Row

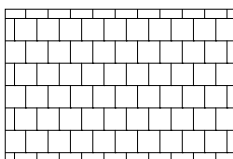


Boulevard TLI 100 Paver - cont'd

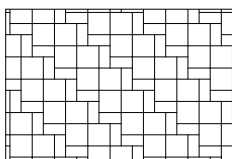
Laying Patterns



Linear



Linear



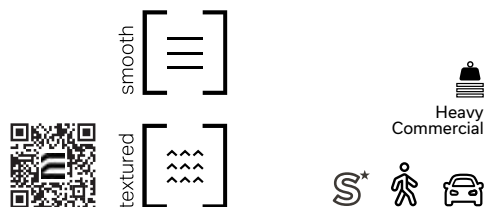
Modular
50% A + 50% B

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	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 300							Width: -1.0 to +2.0 mm
300 x 700							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

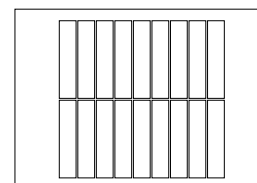


	Dimensions mm	Dimensions in.
A	150 x 500 x 125	5 7/8 x 19 11/16 x 4 15/16
Unit/area	16 units/m ²	1.49 units/ft ²
Cube ft ²	60.55	12.11 per row / 48.44 par cube

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

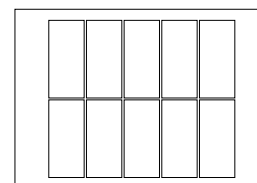


	Dimensions mm	Dimensions in.
B	150 x 500 x 250	5 7/8 x 19 11/16 x 9 7/8
Unit/area	8 units/m ²	0.74 units/ft ²
Cube ft ²	67.25	13.45 per row / 40.35 par cube

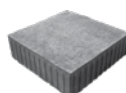
Mass/ft ²	32.6 kg	71.7 lb
Mass/ft ²	34.4 kg	75.7 lb
Mass/ft ²	43.6 kg	95.9 lb

Sold separately

Typical Row



500 x 500

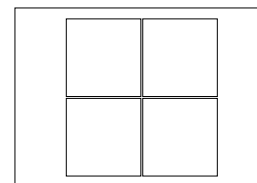


	Dimensions mm	Dimensions in.
C	150 x 500 x 500	5 7/8 x 19 11/16 x 19 11/16
Unit/area	4 units/m ²	0.37 units/ft ²
Cube ft ²	64.56	10.76 per row / 43.04 par cube

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

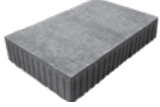
Sold separately

Typical Row



Boulevard TLI 150 Paver - cont'd

750 x 500

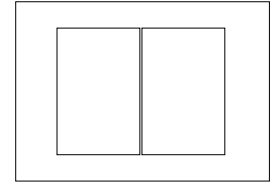


	Dimensions mm	Dimensions in.
D	150 x 500 x 750	5 7/8 x 19 11/16 x 29 1/2
Unit/area	2.67 units/m ²	0.25 units/ft ²
Cube ft ²	48.42	8.07 per row

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

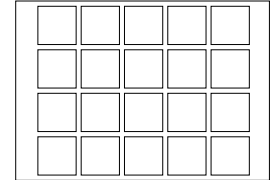


	Dimensions mm	Dimensions in.
E	150 x 200 x 200	5 7/8 x 7 7/8 x 7 7/8
Cube ft ²	51.6	8.6 per row

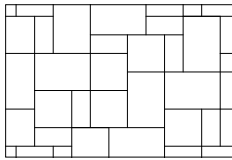
Mass/ft ²	32.6 kg	71.7 lb
Mass/ft ²	34.4 kg	75.7 lb
Mass/ft ²	43.6 kg	95.9 lb

Sold separately

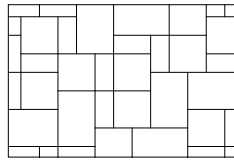
Typical Row



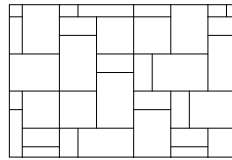
Laying Patterns



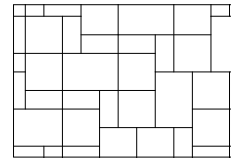
Modular
17% B + 33% C + 50% D



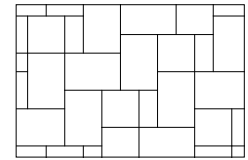
Modular
21% B + 42% C + 37% D



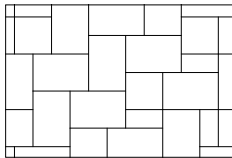
Modular
21% B + 17% C + 62% D



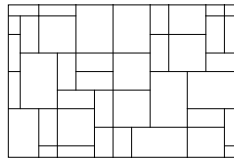
Modular
25% B + 50% C + 25% D



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



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



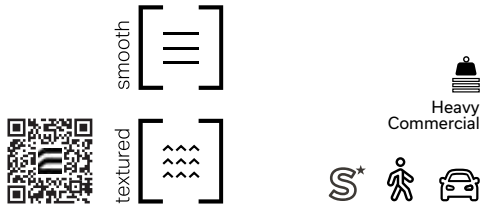
Modular
29% B + 33% C + 38% D

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							
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
750 x 500							
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

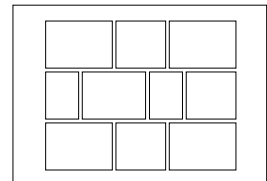
textured [≡≡≡]	Colour
	Cinder Grey - Granitech
	Light Charcoal - Granitech
	Charcoal - Granitech
	Light Grey - Granitech
	Beige Grey - Granitech
	Beige - Granitech
	Opal White - Granitech
	Stanstead Grey - Granitech
	Cambrian Brown - Granitech
	Cambrian Black - Granitech



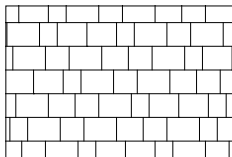
	Dimensions mm	Dimensions in.
A	90 x 320 x 240	3 1/2 x 12 5/8 x 9 1/2
B	90 x 320 x 320	3 1/2 x 12 5/8 x 12 5/8
C	90 x 320 x 360	3 1/2 x 12 5/8 x 14 3/16
D	90 x 320 x 400	3 1/2 x 12 5/8 x 15 3/4
E	90 x 320 x 440	3 1/2 x 12 5/8 x 17 5/16
Cube ft ²	86.8	12.4 per row

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		

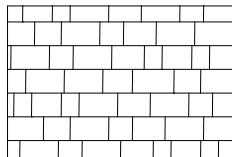
Typical Row



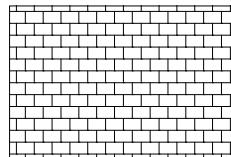
Laying Patterns



Linear



Linear
50% ABCDE + 50%
Large Rectangle



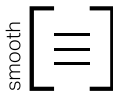
Linear
Small Rectangle

TECHNICAL INFORMATION

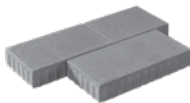
Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Boulevard TLI 90 Crescendo 320 Paver							
320 x 240	CSA A231.2	N/A	μ 50 MPa ≥ 45 MPa	225 g/m ² after 28 cycles 500 g/m ² after 49 cycles	N/A	N/A	Length: -1.0 to +2.0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



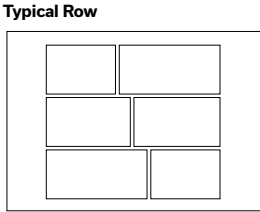
Colour
White - Smooth
Cinder Grey - Smooth
Charcoal - Smooth
Light Charcoal - Smooth
Black ETX - Smooth
Light Grey - Smooth
Beige Grey - Smooth
Beige - Smooth
Red - Smooth



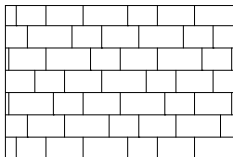
	Dimensions mm	Dimensions in.
A	100 x 300 x 400	4 x 11 13/16 x 15 3/4
B	100 x 300 x 500	4 x 11 13/16 x 19 11/16
C	100 x 300 x 600	4 x 11 13/16 x 23 5/8
Unit/area	22.8 kg	50.16 lb
Cube ft ²	77.52	9.69 per row

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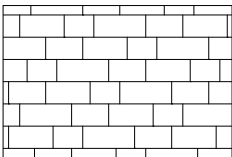
Units are not sold separately



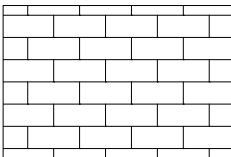
Laying Patterns



Linear



Linear
70% ABC + 30% D



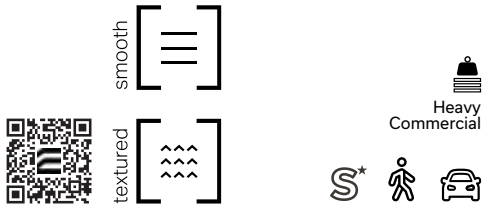
Linear
100% D

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	225 g/m ² after 28 cycles	N/A	N/A	Length: -1.0 to +2.0 mm
300 x 500			≥ 45 MPa	500 g/m ² after 49 cycles			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

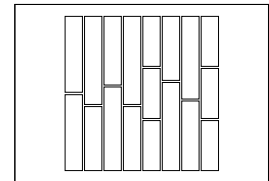
textured [≡≡≡]	Colour
	Cinder Grey - Granitech
	Light Charcoal - Granitech
	Charcoal - Granitech
	Light Grey - Granitech
	Beige Grey - Granitech
	Beige - Granitech
	Opal White - Granitech
	Stanstead Grey - Granitech
	Cambrian Brown - Granitech
	Cambrian Black - Granitech

		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	D	150 x 125 x 500	5 7/8 x 4 15/16 x 19 11/16
E	E	150 x 125 x 541.67	5 7/8 x 4 15/16 x 21 5/16
F	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

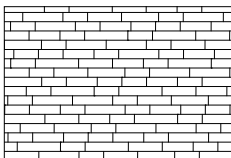
Mass/ft ²	32.6 kg	71.7 lb
Mass/ft ²	34.4 kg	75.7 lb
Mass/ft ²	43.6 kg	95.9 lb

Units are not sold separately

Typical Row



Laying Pattern



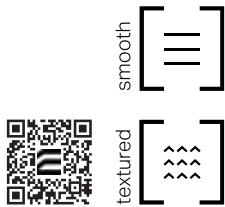
Linear

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	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
125 x 500							
125 x 541.67							
125 x 583.33							

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



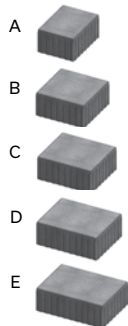
Colour

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

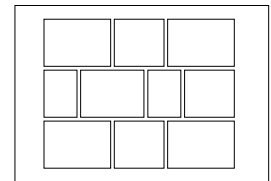


	Dimensions mm	Dimensions in.
A	150 x 320 x 240	5 7/8 x 12 5/8 x 9 1/2
B	150 x 320 x 320	5 7/8 x 12 5/8 x 12 5/8
C	150 x 320 x 360	5 7/8 x 12 5/8 x 14 3/16
D	150 x 320 x 400	5 7/8 x 12 5/8 x 15 3/4
E	150 x 320 x 440	5 7/8 x 12 5/8 x 17 5/16
Cube ft ²	49.6	12.4 per row
Cube ft ²	49.6	12.4 per row
Cube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

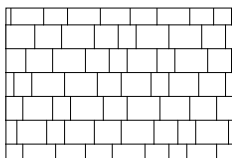
Mass/ft ²	32.6 kg	71.7 lb
Mass/ft ²	34.4 kg	75.7 lb
Mass/ft ²	43.6 kg	95.9 lb

Units are not sold separately

Typical Row



Laying Pattern



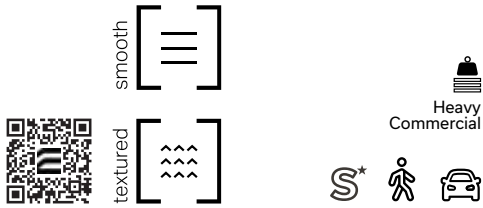
Linear

TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Boulevard TLI 150 Crescendo 320 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 Width: -1.0 to +2.0 mm Height: ±3.0 mm
500 x 500							
750 x 500							
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 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

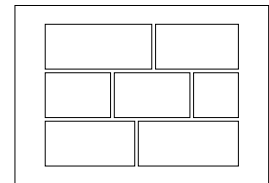
textured [≡≡≡]	Colour
	Cinder Grey - Granitech
	Light Charcoal - Granitech
	Charcoal - Granitech
	Light Grey - Granitech
	Beige Grey - Granitech
	Beige - Granitech
	Opal White - Granitech
	Stanstead Grey - Granitech
	Cambrian Brown - Granitech
	Cambrian Black - Granitech

		Dimensions mm	Dimensions in.
	A	200 x 300 x 300	7 7/8 x 11 13/16 x 11 13/16
	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

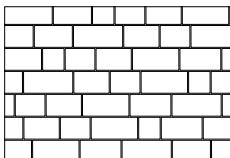
Mass/ft ²	43.24 kg	95.12 lb
Mass/ft ²	45.64 kg	100.40 lb
Mass/ft ²	58.14 kg	127.90 lb

Units are not sold separately

Typical Row



Laying Pattern



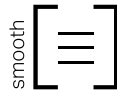
Linear

TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Boulevard TLI 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.

Niagara 60 and 80 Paver



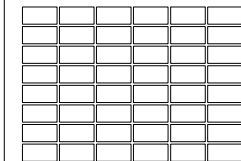
60 mm Rectangle



	Dimensions mm	Dimensions in.
	60 x 98 x 198	2.36 x 3.86 x 7.80
Weight/unit	2.72 kg	6.0 lb
Units/area	-	4.58 units/ft ²
Area/section	-	15.70 ft ²
Area/cube	-	94.40 ft ²
Length/section	-	24.00 lin. ft
Length/cube	-	140.40 lin. ft
Qty/cube	432 units	432 units
Weight	2590 lb/1174 kg/cube	432 lb/196 kg/section

Code	Colour
	Standard
10500854	Natural
Call for custom colour information	
Sold in full cubes	
Production location Cambridge	

Typical Row



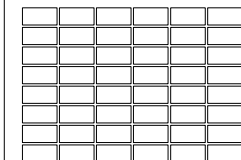
80 mm Rectangle NON-STOCK Special order only



	Dimensions mm	Dimensions in.
	80 x 98 x 198	3.15 x 3.86 x 7.80
Weight/unit	3.08 kg	7.8 lb
Units/area	-	4.58 units/ft ²
Area/section	-	15.70 ft ²
Area/cube	-	94.40 ft ²
Length/section	-	24.00 lin. ft
Length/cube	-	140.40 lin. ft
Qty/cube	432 units	432 units
Weight	3371 lb/1529 kg - cube	562 lb/255 kg - section

Code	Colour
	Standard
10501987	Natural
Call for custom colour information	
Sold in full cubes	
Production location Cambridge	

Typical Row



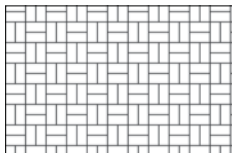
80 mm Herringbone NON-STOCK Special order only



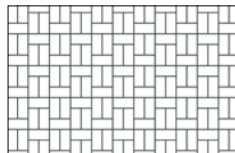
	Dimensions mm	Dimensions in.
	80 x 98 x 198	3.15 x 3.86 x 7.80
Weight/unit	3.54 kg	7.80 lb
Units/area	-	4.58 units/ft ²
Area/cube	-	94.40 ft ²
Qty	464 units/cube (400 rectangles, 64 half stones)	
Weight	1529 kg	3371 lb

Code	Colour
	Standard
10501980	Natural
Sold in full cubes only	
Production location Cambridge	

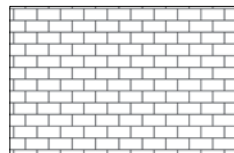
Laying Pattern



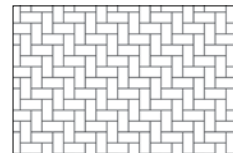
Parquet
100% Rectangle



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.

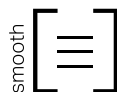
Techniseal 1 bag of sand covers approx. 82 ft²

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.

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

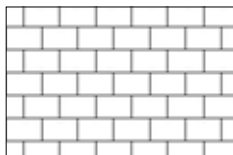
Code	Colour
	Standard
10102026	Light Grey
10109059	Range Brownstone Red
10109067	Range Norvick Grey
10103056	Rockland Black

Production location Woodstock

Typical Row



Laying Pattern



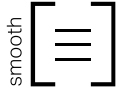
Linear

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

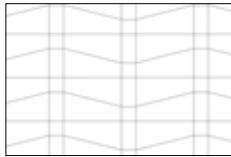


		Dimensions mm	Dimensions in.	Colour	Typical Row
A		A and B	100 x 150 and 300 x 600	4 x 5 7/8 and 11 13/16 x 23 5/8	
	Area/unit (avg.)	0.135 m²	1.45 ft²	Standard	
				White - Smooth	
				Cinder Grey - Smooth	
				Charcoal - Smooth	
				Light Charcoal - Smooth	
				Black ETX - Smooth	
				Light Grey - Smooth	
				Beige Grey - Smooth	
				Beige - Smooth	
B				Production location Montreal	

Laying Patterns



Diagonal 100 x 450
with Boulevard 300 pavers
100 x 450



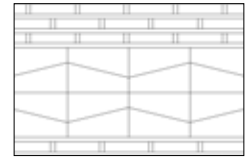
False Curves
with Boulevard 300 pavers
150 x 150
with Boulevard 300 pavers
150 x 300



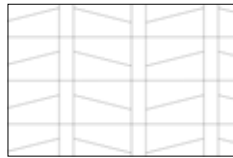
Insertions 300 x 600
with Boulevard 300 pavers
300 x 600



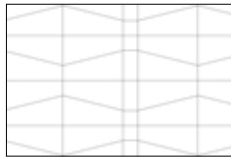
Garden 600 x 600
with Boulevard 300 pavers
600 x 600



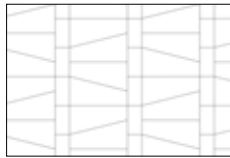
Verde Lines
with Boulevard Verde pavers



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.

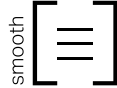


Ecological Pavers

- 44 Turfstone Paver
- 45 Agora Aqua Paver
- 46 AquaPave Paver
- 47 Boulevard Drain Paver
- 48 Boulevard Verde Paver
- 49 Virage Paver
- 50 Zen Paver



Turfstone Paver



	Dimensions mm	Dimensions in.
	100 x 598 x 398	4 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
Qtéy	35 units	35 units
Weight/cube	1172 kg	2579 lb

Code	Colour
10300723	Grey
Sold in full cubes only	
Production location Montreal	

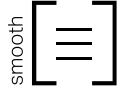
TECHNICAL INFORMATION

Product	Standard	Void Opening	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance
Turfstone 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).

Agora Aqua Paver






ASTM #8 Aggregate
jointing material

Light
Commercial

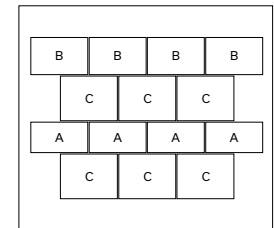



Ecological
Pavers

		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	24 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	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
Standard
Rockland Black
Range Amber Beige
Range Shaded Grey
Range Scandina Grey
A, B, C are sold together

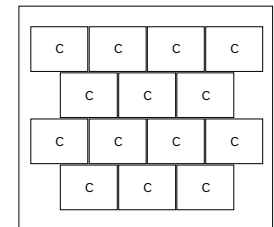
Typical Row



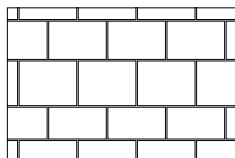
		Dimensions mm	Dimensions in.
Large Rectangle		80 x 233 x 300	3 1/8 x 9 3/16 x 11
	Weight/unit (avg.)	13 kg	28 lb
	Unit/area (avg.)	14.28 units/m ²	1.33 units/ft ²
	Area/layer	0.98 m ²	10.55 ft ²
	Area/cube	7.84 m²	84.40ft²
	Length/row	4.20 lin. m	13.78 lin. ft
	Length/cube	33.60 lin. m	110.24 lin. ft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

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

Typical Row



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

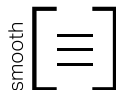
Joint spacing is 7 mm (0.28 in.) which allows an initial surface infiltration rate of +/- 13 300 mm/hr.

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

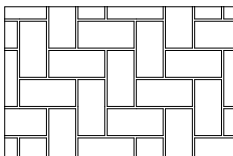


	Dimensions mm	Dimensions in.
	80 x 98 x 198	3 1/8 x 3 41/48 x 7
Weight/unit	3 kg	8 lb
Area/unit	0.42 m ²	4.58 ft ²
Area/cube	8.77 m²	94.40 ft²
Length/cube	132.60 lin. ft (rectangles only)	
Qty/cube	464 units (400 rectangles. 64 half-stone)	
Weight/cube	1608 kg	3545 lb

Packaged in herringbone to facilitate mechanical installation

Code	Colour
	Prestige
10501969	Natural
Call for custom colour information	

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 Drain Paver



smooth [≡]

ASTM #8 Aggregate
jointing material



textured [≡]

Light
Commercial



is [≡]

Colour

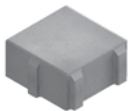
White - Smooth
Cinder Grey - Smooth
Charcoal - Smooth
Light Charcoal - Smooth
Black ETX - Smooth
Light Grey - Smooth
Beige Grey - Smooth
Beige - Smooth

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

209 x 209

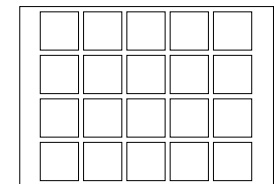


	Dimensions mm	Dimensions in.
	100 x 209 x 209	4 x 8 1/4 x 8 1/4
Unit/area	22.9 units/m ²	2.13 units/ft ²
Cube ft ²	56.4	9.4 per row

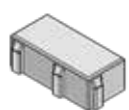
Mass/ft ²	22.33 kg	49.13 lb
Mass/ft ²	23.63 kg	51.99 lb
Mass/ft ²	28.83 kg	63.40 lb

Sold separately

Typical Row



150 x 300

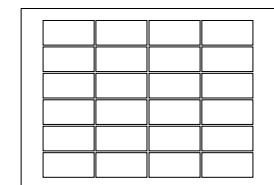


	Dimensions mm	Dimensions in.
	100 x 150 x 300	4 x 5 7/8 x 11 13/16
Unit/area	22.22 units/m ²	2.06 units/ft ²
Cube ft ²	69.78	11.63 per row

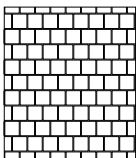
Mass/ft ²	22.33 kg	49.13 lb
----------------------	----------	----------

Sold separately

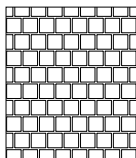
Typical Row



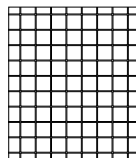
Laying Patterns 209 x 209



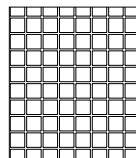
Linear



Linear

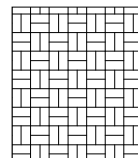


Checkerboard

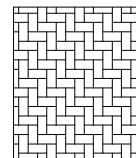


Checkerboard

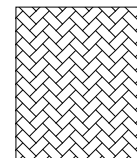
Laying Patterns 150 x 300



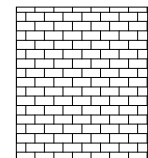
Parquet



Herringbone



Herringbone 45°



Linear

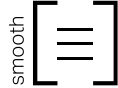
TECHNICAL INFORMATION

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.

Boulevard Verde Paver



Light Commercial



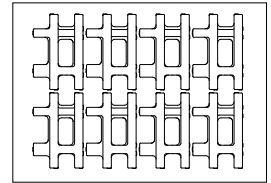
Colour

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

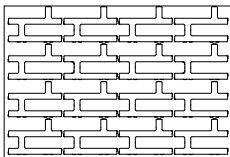


	Dimensions mm	Dimensions in.
	100 x 300 x 450	4 x 11 13/16 x 17 3/4
Weight/unit	13 kg	28 lb
Unit/area	7.36 units/m ²	0.68 units/ft ²
Area/layer	1.09 m ²	11.72 ft ²
Area/cube	8.72 m²	93.76 ft²
Length/row	3.60 lin. m	11.81 lin. ft
Length/cube	28.80 lin. m	94.48 lin. ft
Qty/cube	64 units	64 units
Weight/cube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

Typical Row



Laying Pattern



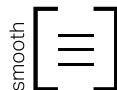
Checkerboard

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.

Virage Paver



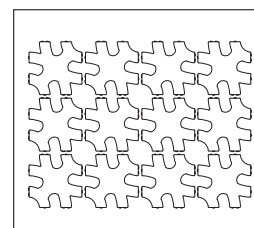
Ecological
Pavers



	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	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 Scandina Grey
Production location Bolton	

Typical Row



Laying Patterns



Beaded pattern



Circle pattern



Link pattern



Mosaic pattern



Random pattern



Wave pattern



Flower pattern



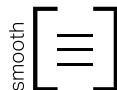
Clover pattern

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

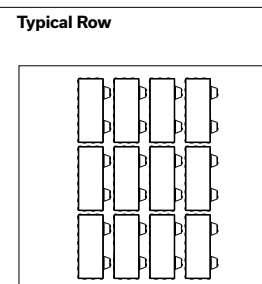
Cover snow removal tools with Teflon or neoprene protectors to minimize the risk of damage from scratches. Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material. Additional details: See our landscaping installation guide on our website (Permeable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

Zen Paver

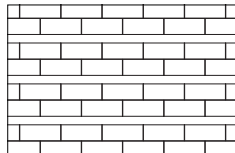


	Dimensions mm	Dimensions in.
	80 x 190 x 380	3 1/8 x 7 1/2 x 15
Weight/unit (avg.)	12 kg	26 lb
Unit/area (avg.)	18.04 units/m ²	3.1 units/ft ²
Area/layer	0.87 m ²	9.33 ft ²
Area/cube	7.83 m²	9 Rows
Qty/cube	108 units	108 units
Length/row	4.52 lin. m	14.84 lin. ft
Length/cube	40.72 lin. m	133.58 lin.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

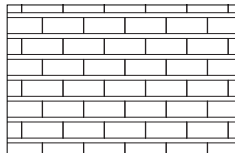
Code	Colour
	Prestige
10300745	Range Amber Beige
10301003	Range Scandina Grey
Production location Montreal	



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

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 and Capping

- 52 **Grande Wall**
- 54 **Grande Wedge Wall and Capping**
- 55 **Grande Smooth Wall** *New*
- 57 **Keystone Capping**
- 58 **Keystone Wall**

Grande Wall



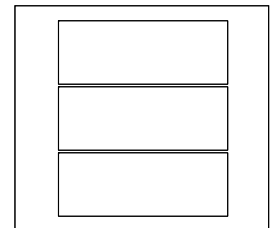
375 Standard



	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
Can be double stacked	
Production location Cambridge	

Typical Row



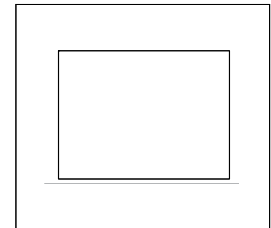
750 Standard



	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
Can be double stacked	
Production location Cambridge	

Typical Row



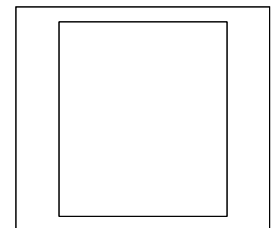
1125 Standard



	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
Can be double stacked	
Production location Cambridge	

Typical Row


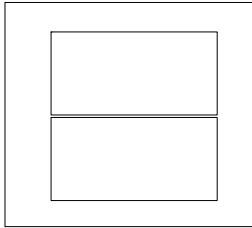

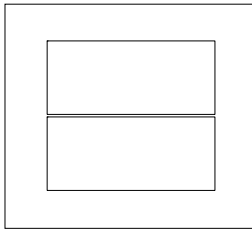

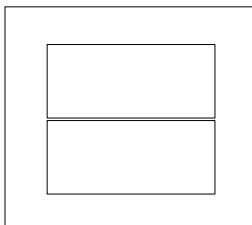


TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
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

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 Wall

<div>Corner Unit</div> 	<table> <tr> <th></th><th>Dimensions mm</th><th>Dimensions in.</th></tr> <tr> <td></td><td>200 x 500 x 1000</td><td>7 7/8 x 19 11/16 x 39 3/8</td></tr> <tr> <td>Weight/unit</td><td>213 kg</td><td>469 lb</td></tr> <tr> <td>Unit/area</td><td>3.33 units/m²</td><td>0.31 unit/ft²</td></tr> <tr> <td>Qty/cube</td><td>6 units*</td><td>6 units*</td></tr> <tr> <td>Weight/cube</td><td>1278 kg</td><td>2811 lb</td></tr> </table> <p>* 6 units equal: 3 right units, 3 left units</p>		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	<table> <tr> <th>Code</th><th>Colour</th></tr> <tr> <td>16209045</td><td>Grey</td></tr> </table> <p>Call for custom colour information Can be double stacked Production location Cambridge</p>	Code	Colour	16209045	Grey	<div>Typical Row</div> 						
	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																													
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Weight/cube	1278 kg	2811 lb																													
Code	Colour																														
16209045	Grey																														
<div>Step 175</div> 	<table> <tr> <th></th><th>Dimensions mm</th><th>Dimensions in.</th></tr> <tr> <td></td><td>175 x 438 x 1000</td><td>6 7/8 x 17 1/4 x 39 3/8</td></tr> <tr> <td>Weight/unit</td><td>175 kg</td><td>386 lb</td></tr> <tr> <td>Length/cube</td><td>1.20 lin. m</td><td>19.68 lin. ft</td></tr> <tr> <td>Qty/cube</td><td>6 units</td><td>6 units</td></tr> <tr> <td>Weight/cube</td><td>1070 kg</td><td>2358 lb</td></tr> </table>		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	<table> <tr> <th>Code</th><th>Colour</th></tr> <tr> <td>16202415</td><td>Grey</td></tr> <tr> <td>16202416</td><td>Desert Grey</td></tr> <tr> <td>16202417</td><td>Granite</td></tr> <tr> <td>16202418</td><td>Onyx Brown</td></tr> </table> <p>Can be double stacked Production location Cambridge</p>	Code	Colour	16202415	Grey	16202416	Desert Grey	16202417	Granite	16202418	Onyx Brown	<div>Typical Row</div> 
	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																														
<div>Capping 438</div> 	<table> <tr> <th></th><th>Dimensions mm</th><th>Dimensions in.</th></tr> <tr> <td></td><td>200 x 438 x 1000</td><td>7 7/8 x 17 1/4 x 39 3/8</td></tr> <tr> <td>Weight/unit</td><td>194 kg</td><td>427 lb</td></tr> <tr> <td>Unit/area</td><td>5.00 units/m²</td><td>0.46 unit/ft²</td></tr> <tr> <td>Qty/cube</td><td>6 units</td><td>6 units</td></tr> <tr> <td>Weight/cube</td><td>1162 kg</td><td>2561 lb</td></tr> </table>		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	<table> <tr> <th>Code</th><th>Colour</th></tr> <tr> <td>16200460</td><td>Grey</td></tr> <tr> <td>16201338</td><td>Desert Grey</td></tr> <tr> <td>16201339</td><td>Granite</td></tr> <tr> <td>16201340</td><td>Onyx Brown</td></tr> </table> <p>Can be double stacked Production location Cambridge</p>	Code	Colour	16200460	Grey	16201338	Desert Grey	16201339	Granite	16201340	Onyx Brown	<div>Typical Row</div> 
	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																														

Grande Wall - Custom Splitting



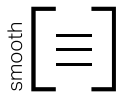
Custom splitting is available for corners at custom angles or for coping units at the end of a wall. **Splitting premium is in addition to the price of the unit being split.**


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

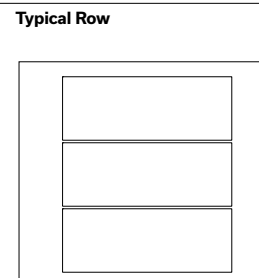
The information contained in these technical documents is supplied for information purposes only. Any application of the information is the sole responsibility of the installer. The installer must ensure that the installation and use of retaining wall projects comply with local regulations and code requirements. 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



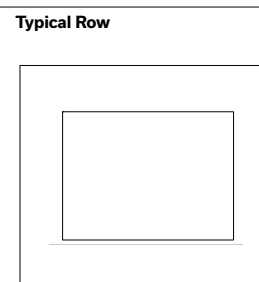
375 Standard		Dimensions mm	Dimensions in.
		200 x 375 x 1000	7 7/8 x 14 3/4 x 39 3/8
	Weight/unit	161 kg	360 lb
	Area/layer	5.00 units/m ²	0.46 unit/ft ²
	Area/cube	1.80 m ²	19.56 ft ²
	Length/cube	9.00 lin. m	29.60 lin. ft
	Qty/cube	9 units	9 units
	Weight/cube	1500 kg	3300 lb


Code	Colour
129000448	Grey
Can be double stacked	
Production location Quebec and Metcalfe	



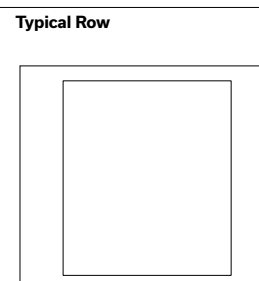
750 Standard		Dimensions mm	Dimensions in.
		200 x 750 x 1000	7 7/8 x 29 1/2 x 39 3/8
	Weight/unit	328 kg	726 lb
	Area/layer	5.00 units/m ²	0.46 unit/ft ²
	Area/cube	0.80 m ²	8.70 ft ²
	Length/cube	4.00 lin. m	13.10 lin. ft
	Qty/cube	4 units	4 units
	Weight/cube	1350 kg	2970 lb

Code	Colour
129000449	Grey
Can be double stacked	
Production location Quebec and Metcalfe	



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
Can be double stacked	
Production location Quebec and Metcalfe	




TECHNICAL INFORMATION


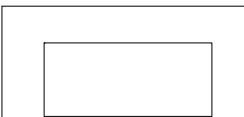
Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Grande Smooth Wall	ASTM C 1372	N/A	20.7 MPa	N/A	2000 kg/m ³	10.4%	Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm


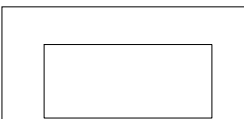
The information contained in these technical documents is supplied for information purposes only. Any application of the information is the sole responsibility of the installer. The installer must ensure that the installation and use of retaining wall projects comply with local regulations and code requirements. 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 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	Call for custom colour information	
	Unit/area	3.33 units/m²	0.31 unit/ft²	Can be double stacked	
	Qty/cube	6 units*	6 units*	Production location Quebec and Metcalfe	
	Weight/cube	1278 kg	2811 lb		
* 6 units equal: 3 right units, 3 left units					

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

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

<div>Capping 438</div> <div></div>		Dimensions mm	Dimensions in.	Code	Colour	Typical Row
		200 x 438 x 1000	7 7/8 x 17 1/4 x 39 3/8	129000450	Grey	<div></div>
	Weight/unit	194 kg	427 lb	Can be double stacked		
	Unit/area	5.00 units/m²	0.46 unit/ft²	Production location Quebec and Metcalfe		
	Qty/cube	6 units	6 units			
	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



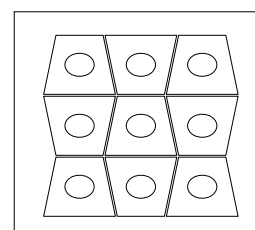
Standard Wall



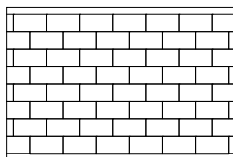
	Dimensions mm	Dimensions in.
	200 x 312.5 x 380 - 250	7 7/8 x 12 5/16 x 14 15/16 - 9 7/8
Weight/unit	38 kg	83 lb
Unit/area	13.16 units/m ²	1.22 units/ft ²
Area/cube	2.74 m ²	29.50 ft ²
Length/cube	13.68 lin. m	44.90 lin. ft
Qty/cube	36 units	36 units
Weight/cube	1353 kg	2978 lb

Code	Colour
	Standard
16200459	Grey
Call for custom colour information	
Sold by piece	
Production location St-Eustache	

Typical Row



Laying Pattern



Linear

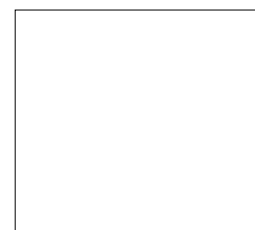
Capping



	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
	Standard
16200458	Grey
Call for custom colour information	
Sold by piece	
Production location St-Eustache	

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)

Keystone Capping



textured



Walls and
Capping

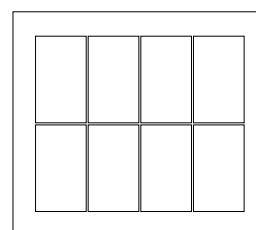
Straight-Face



	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
		56 units
Weight/cube	1655 kg	3640 lb

Code	Colour
	Standard
16054730	Smoke Grey

Typical Row



TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
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

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

Keystone Wall



textured



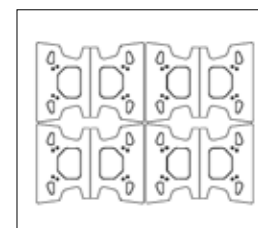
Compact Straight-Face



	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
	Standard
16055000	Smoke Grey

Typical Row



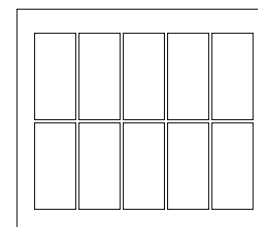
Corner



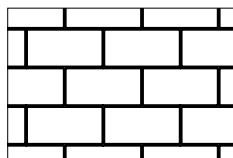
	Dimensions mm	Dimensions in.
	204 x 230 x 450	8 x 9 x 18
Weight/unit	52 kg	114 lb
Unit/area	7.20 units/m ²	0.67 units/ft ²
Area/cube	2.79 m ²	30.00 ft ²
Qty/cube	20 units	2 Rows
Weight/cube	1044 kg	2296 lb

Code	Colour
	Standard
16052390	Smoke Grey

Typical Row



Laying Pattern



Linear

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

Application: Supporting walls

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



Rooftop Terraces

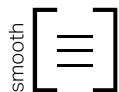
60 **SmartCast Reflect**

61 **Urban**

62 **Versailles**

63 **Pedestals for rooftop terraces** *New*

SmartCast® Reflect Slab



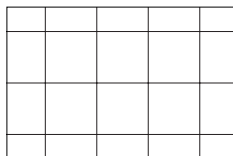
	Dimensions mm	Dimensions in.
	50 x 600 x 600	2 x 23 5/8 x 23 5/8
Weight/unit	42.23 kg	93 lb
Unit/area	–	3.87 ft ²
Area/cube	–	85.10 ft ²
Qty/cube	22 units	22 units
Weight/cube	929 kg	2046 lb

Code	Colour
	Standard
12050108	White

Sold by piece
Production location Cambridge

[illegible]

Laying Pattern



Checkerboard

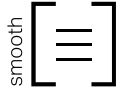
TECHNICAL INFORMATION

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

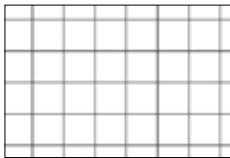
Laying patterns are for design purposes only. Permacon shall not be responsible for excess or shortage of material.
Compatible with pedestal systems. Smart Cast Clean and Smart Cast Reflect meet SRI for LEED

Urban™ Slab

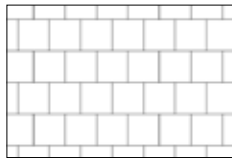


	Dimensions mm	Dimensions in.	Code	Colour	Typical Row
	55 x 610 x 610	2 3/16 x 24 x 24	12051214	Cinder Grey	
Weight/unit	52 kg	115 lb	127001100	Light Grey	
Area/unit	0.37 m ²	4 ft ²	127001099	Range Bayona Grey	
Area/layer	0.74 m ²	8 ft ²	127001177	White	
Area/cube	8.92 m²	12 Rows	96 ft²		
Qty/cube	24 units	24 units	127001176	Beige Grey	
Weight/cube	1250 kg	2756 lb	Sold in full cubes only Can be double stacked Production location Metcalfe		

Laying Patterns



Checkerboard



Offset 1/2

1 bag of sand covers approx. 271 ft²

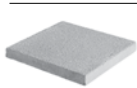
TECHNICAL INFORMATION

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.

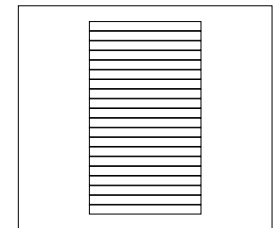
Versailles® Slab



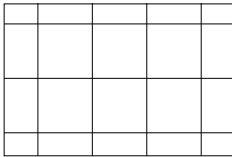
	Dimensions mm	Dimensions in.
	50 x 610 x 610	2 x 24 x 24
Weight/unit	44 kg	97 lb
Unit/area	0.37 m ²	4.00 ft ²
Area/cube	7.43 m ²	80.00 ft ²
Qty/cube	20 units	20 units
Weight/cube	880 kg	1940 lb

Code	Colour
	Standard
12059261	Alpine Grey
12059263	Trenton Grey
Sold by piece	
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



Rooftop
Terraces

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

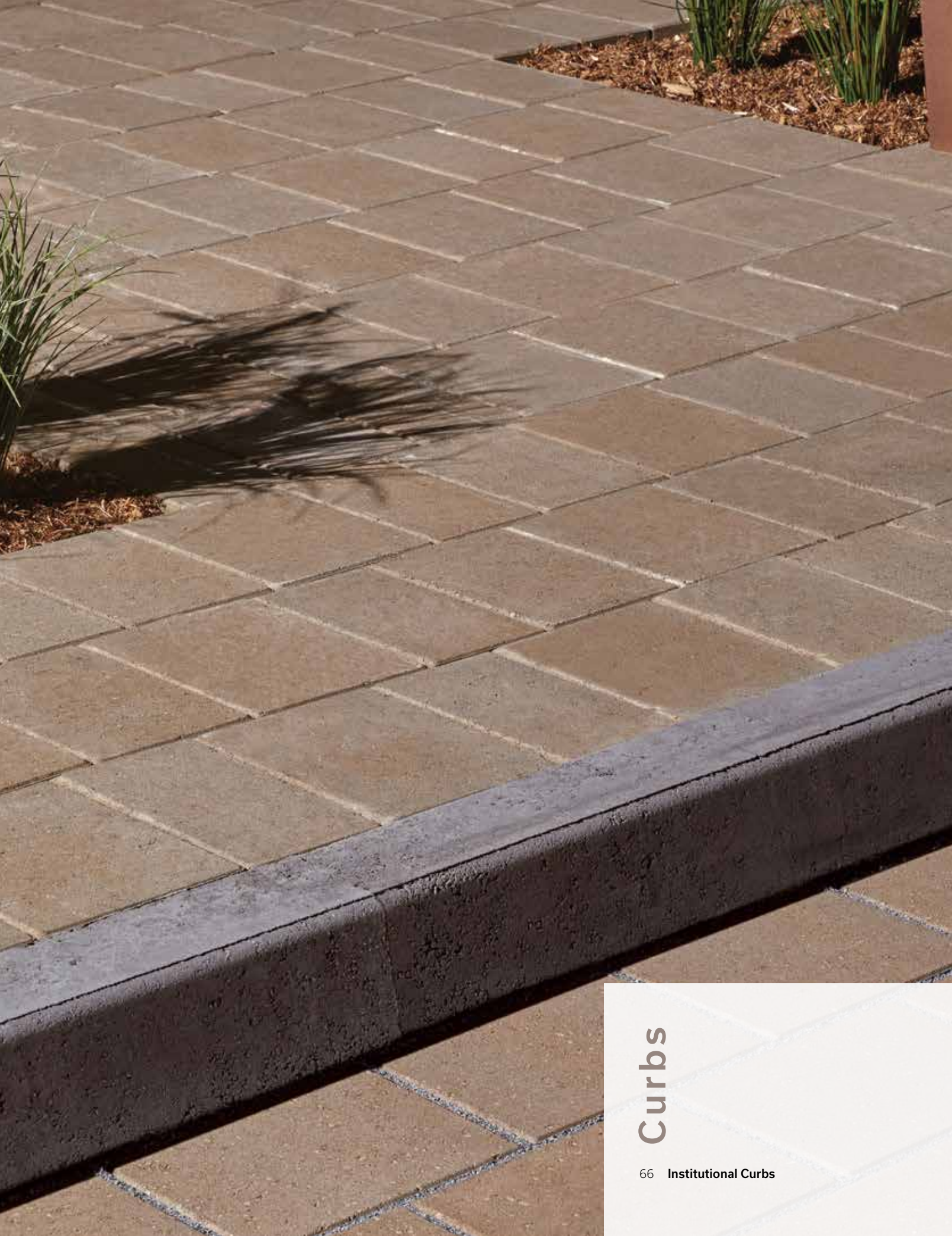


Product	Height (in. - mm)	Code	Quantity (per box)
SE0-P	1.125 - 1.5 / 28 - 38	70669121	40
SE1-P	1.5 - 2 / 37.5 - 50	70660070	30
SE2-P	2 - 3 / 50 - 75	70660069	25
SE3-P	3 - 4.75 / 75 - 120	70660068	25
SE4-P	4.75 - 6.75 / 120 - 170	70660067	25
SE5-P	6.75 - 8.5 / 170 - 215	70660066	25
SE6-P	5.5 - 9 / 140 - 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

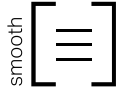
Quantity Chart for Filling Joints for Architectural Pavers

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
	200 mm x 400 mm	100	65	6.1
	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
Boulevard Tactile	300 mm x 300 mm	100	39	3.7
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



Curbs

Institutional Curbs



High Rised Curb A1 1 2M

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

Code
14209025
Colour
Grey



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

	Dimensions mm	Dimensions in.	
	175 to 300 x 150 x 500	7 to 12 x 6 x 20	
Weight/unit	36 kg	79 lb	
Length/cube	8 lin. m	26.3 lin. ft	
Qty/cube	16 units	2 Rows	16 units
Weight/cube	640 kg	1411 lb	

Code
14209034 (L)
14209035 (R)
Colour
Grey
Sold in pairs



Low Rised Curb B1 1 2M

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

Code
14209036
Colour
Grey



Inside Corner

	Dimensions mm	Dimensions in.	
	300 x 150 x 300	12 x 6 x 12	
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	

Code
14209039
Colour
Grey



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

	Dimensions mm	Dimensions in.
	200 to 300 x 150 x 1200	8 to 12 x 6 x 48
Weight/unit	94 kg	207 lb
Length/cube	9.6 lin. m	31.5 lin. ft
Qty/cube	8 units	2 Rows
Weight/cube	810 kg	1786 lb

Code
14209032 (L)
14209033 (R)
Colour
Grey



Outside Corner

	Dimensions mm	Dimensions in.	
	300 x 150 x 300	12 x 6 x 12	
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	

Code
14209041
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.	
	300 x 150 x 1000	12 x 6 x 40	
Weight/unit	100 kg	220 lb	
Length/cube	12 lin. m	39.4 lin. ft	
Qty/cube	12 units	2 Rows	12 units
Weight/cube	1260 kg	2778 lb	

Code
14209026* 0.625
14209027 1.25
14209028 2.50
14209029 5.00
14209030 7.50
14209031 10.00

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

Colour
Grey

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 Inside Corner Outside Corner Outside Curve	BNQ2624-210	≥ 4.5 MPa	45 MPa	500 g/m ²	2300 kg/m ³	5 %	Length: ±5.0 mm Largeur : ±3.0 mm Height: ±5.0 mm

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

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	
		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
	Cinder Grey	21	0.23	34	0.32
	Light Charcoal	16	0.19	24	0.24
	Charcoal	22	0.23	19	0.21
	Black ETX	5	0.10	-	-
	Red	26	0.26	19	0.21
	Light Grey	43	0.39	65	0.56
	Beige Grey	39	0.37	47	0.42
	Beige	41	0.38	41	0.37
	White	67	0.57	69	0.59
	Brown	21	0.22	N/A	N/A
	Yellow	37	0.35	36	0.35
	Terracotta	25	0.26	29	0.29
	Caledonia	N/A	N/A	29	0.29
	Opal White	-	-	49	0.45
	Stanstead Grey	-	-	40	0.37
	Shefford Beige	-	-	39	0.37
	Cambrian Brown	-	-	13	0.16
	Cambrian Black	-	-	11	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	67	0.57	-	-
	Cinder Grey	21	0.23	-	-
	Light Charcoal	16	0.19	-	-
	Charcoal	22	0.23	-	-
	Black ETX	5	0.10	-	-
	Light Grey	43	0.39	-	-
	Beige Grey	39	0.37	-	-
	Beige	41	0.38	-	-

- : Not producing this item

N/A : Value not available

The SR and SRI values above are from independent laboratories.

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:

- 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, it is vital that the work be cleaned to remove residue 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 said residue.

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 presented in our commercial presentations (catalogs, samples, displays). Any difference in colour cannot be attributed to 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 delivered to the job site prior to installation and to ensure that the colour is satisfactory. It is also recommended to mix products from different pallets received on 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 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.

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 our products. The possible appearance of efflorescence cannot be the subject of any guarantee on our part. In most cases, efflorescence disappears by itself over time.

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



permacon.ca

1 888 PERMACON

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