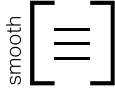
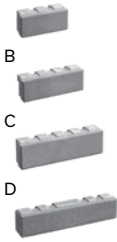


Melville® Tandem® 90 and 180 Wall



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



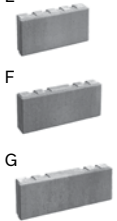
| Code | Colour |
|----------|---------------------|
| | Standard |
| 16251526 | Range Newport Grey |
| 16251527 | Rockland Black |
| 16251867 | Range Margaux Beige |
| 16251868 | Range Scandina Grey |
| 16252291 | Range Amber Beige |
| 16252293 | Range Shaded Grey |

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

Typical Row

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

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



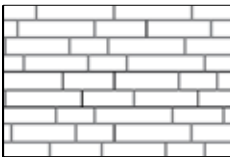
| Code | Colour |
|----------|---------------------|
| | Standard |
| 16251496 | Range Newport Grey |
| 16251497 | Rockland Black |
| 16251866 | Range Margaux Beige |
| 16251836 | Range Scandina Grey |
| 16252289 | Range Amber Beige |
| 16252288 | Range Shaded Grey |

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

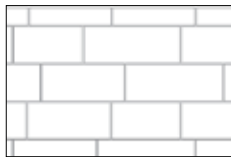
Typical Row

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

Laying Patterns



Melville 90 Linear
100% Melville Tandem 90



Melville 180 Linear
100% Melville Tandem 180

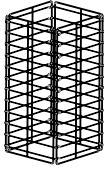
TECHNICAL INFORMATION

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

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

Tandem® Wall Accessories

Grid Pillar Kit



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

| Code | Colour |
|----------|-----------------|
| | Standard |
| 70550661 | Silver |

Includes one bag of 200 connectors
Non returnable pallet
Cannot be used with Melville and Lafitt Veneers (180)

Connectors

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

| Code | Colour |
|----------|-----------------|
| | Standard |
| 70550961 | Grey |

Sold by full package only
Non returnable pallet

Modular Grid Kit



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

| Code | Colour |
|----------|-----------------|
| | Standard |
| 70550550 | Silver |

Includes one bag of 60 connectors,
10 screws and 10 clamps
Non returnable pallet

8 ft. Shelf Angle



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

| Code | Colour |
|----------|-----------------|
| | Standard |
| 34355362 | Grey |

Sold by full package only
Non returnable pallet

Double-Sided Plastic Connector



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

Quantity of connectors required:
Lafitt Tandem 90 and Melville Tandem 90
7 connectors per ft² (1) - 74 connectors per m² (1)

Lafitt Tandem 180 and Melville Tandem 180
5.5 connectors per ft² (1) - 57 connectors per m² (1)

(1) Based on one of the two sides of the double-sided wall

| Code | Colour |
|----------|-----------------|
| | Standard |
| 70970615 | Black |

Sold by full bag
Recommended for curved walls

Corner Connector



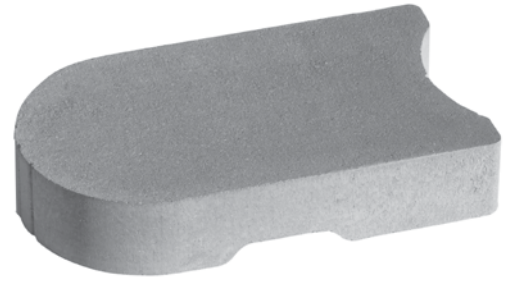
| | Dimensions mm | Dimensions in. |
|--|-----------------|-----------------|
| | 85 mm x 70 mm | 3 3/8 x 2 3/4 |
| Qty/bag | 50 units | 50 units |
| 12 bags/cube | | |
| Quantity required per 90° corner: one corner connector per row | | |

| Code | Colour |
|----------|-----------------|
| | Standard |
| 70970616 | Black |

Sold by full bag

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

Tandem Wall Starter Unit

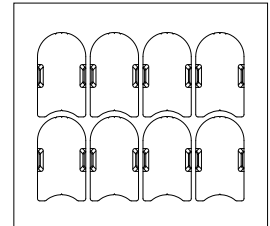


| | Dimensions mm | Dimensions in. |
|--------------------|-------------------|--------------------------|
| | 90 x 268 x 469 | 3 9/16 x 10 1/2 x 18 1/2 |
| Weight/unit | 23 kg | 51 lb |
| Units/length | 2.30 units/lin. m | 0.70 unit/lin. ft |
| Qty/cube | 56 units | 7 Rows |
| Weight/cube | 1333 kg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

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

Sold by piece
Can be double stacked
Production location Metcalfe

Typical Row



Tandem® Next Wall 180 mm Structural Unit

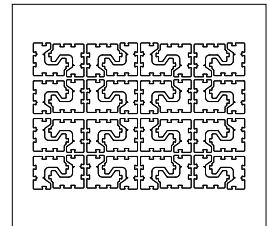


| | Dimensions mm | Dimensions in. |
|-----------------------------|---------------------------|------------------------|
| | 180 x 200 x 199 | 7 1/16 x 7 7/8 x 7 7/8 |
| Weight/unit | 9.4 kg | 20.58 lb |
| Area/layer | 1.13 m ² | 12.16 ft ² |
| Area/cube | 4.52 m² | 4 Rows |
| 48.64 ft² | | |
| Length/row | 6.37 lin. m | 20.89 lin. ft |
| Length/cube | 25.47 lin. m | 83.57 lin. ft |
| Units/row | 32 | 32 |
| Qty/cube | 128 units | 128 units |
| Weight/cube | 1316 kg | 2901 lb |

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

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

Typical Row



Tandem Next Universal Connector



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

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

TECHNICAL INFORMATION

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

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

Tandem® Wall

90 mm Structural Unit



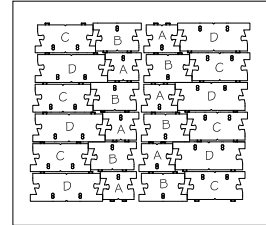
| | | Dimensions mm | Dimensions in. |
|---|---------------------|---------------------------|---------------------------|
| A | A | 90 x 155 x 201 | 3 9/16 x 6 1/8 x 7 7/8 |
| | B | 90 x 155 x 268 | 3 9/16 x 6 1/8 x 10 1/2 |
| B | C | 90 x 155 x 335 | 3 9/16 x 6 1/8 x 13 3/16 |
| | D | 90 x 155 x 402 | 3 9/16 x 6 1/8 x 15 13/16 |
| C | Weight/unit (avg.) | 29.35 kg | 64.7 lb |
| | Area/layer | 0.65 m ² | 7.02 ft ² |
| D | Area/cube | 3.91 m² | 6 Rows |
| | Qty/cube | A = 36 | B = 36 |
| | | C = 36 | D = 36 |
| | Length/row (1 to 5) | 7.24 lin. m | 23.75 lin. ft |
| | Length/cube | 43.44 lin. m | 142.50 lin. ft |
| | Weight/cube | 1230 kg | 2725 lb |

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

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

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

Typical Row



Walls

TECHNICAL INFORMATION

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

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