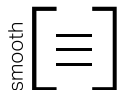
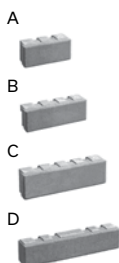


Melville® Tandem® 90 and 180 Wall



90 Veneer



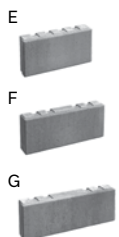
	Dimensions mm	Dimensions in.
A	90 x 67 x 201	3 9/16 x 2 5/8 x 7 7/8
B	90 x 67 x 268	3 9/16 x 2 5/8 x 10 1/2
C	90 x 67 x 335	3 9/16 x 2 5/8 x 13 3/16
D	90 x 67 x 402	3 9/16 x 2 5/8 x 15 13/16
Weight/unit (avg.)	4 kg	8 lb
Area/layer	0.98 m²	10.53 ft²
Area/cube	3.92 m²	4 Rows 42.12 ft²
Qty/cube	A = 36 B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

Code	Colour
16251526	Range Newport Grey
16251527	Rockland Black
16251868	Range Scandinavia Grey
16252291	Range Amber Beige
16252293	Range Shaded Grey
A set of 4 units = 1.17 ft²	
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



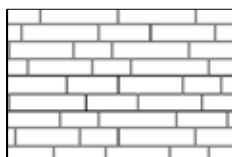
	Dimensions mm	Dimensions in.
E	180 x 67 x 335	7 1/16 x 2 5/8 x 13 3/16
F	180 x 67 x 402	7 1/16 x 2 5/8 x 15 13/16
G	180 x 67 x 469	7 1/16 x 2 5/8 x 18 1/2
Weight/unit (avg.)	10 kg	21 lb
Area/layer	1.08 m²	11.63 ft²
Area/cube	4.32 m²	4 Rows 46.52 ft²
Qty/cube	E = 20 F = 20 G = 20	
Length/row	6.02 lin.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

Code	Colour
16251496	Range Newport Grey
16251497	Rockland Black
16251836	Range Scandinavia Grey
16252289	Range Amber Beige
16252288	Range Shaded Grey
A set of 3 units = 2.32 ft²	
Production location Metcalfe	

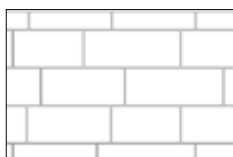
Typical Row

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

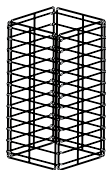
TECHNICAL INFORMATION

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/m³	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

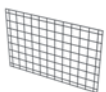
Code	Colour
70550661	Silver
Includes one bag of 200 connectors Non returnable pallet Cannot be used with Melville and Lafitt Veneers (180)	

Connectors

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

Code	Colour
70550961	Grey
Sold by bag Non returnable pallet	

Modular Grid Kit



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

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

8 ft. Shelf Angle



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

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

Double-Sided Plastic Connector



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

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

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

Corner Connector

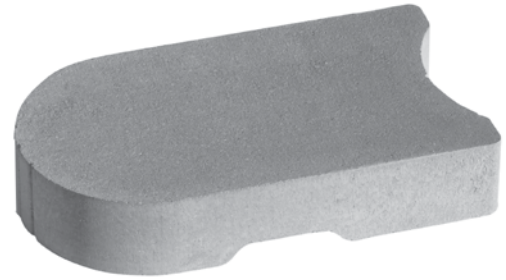


	Dimensions mm	Dimensions in.
	85 mm x 70 mm	3 3/8 x 2 3/4
Qty/bag	50 units	50 units
12 bags/cube Quantity required per 90° corner: one corner connector per row		

Code	Colour
70970616	Black
Sold by full bag	

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

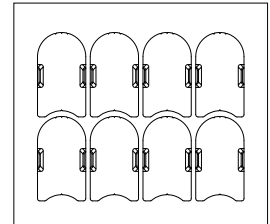
Tandem Wall Starter Unit



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

Code	Colour
12053584	Grey
Can be double stacked Production location Metcalfe	

Typical Row



Walls

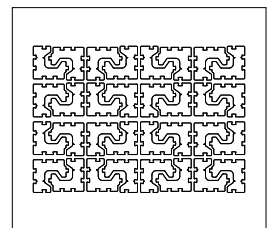
Tandem® Next Wall 180 mm Structural Unit



	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 m²	12.16 ft²
Area/cube	4.52 m²	4 Rows
Length/row	6.37 lin. m	20.89 lin. ft
Length/cube	25.47 lin. m	83.57 lin. ft
Units/row	32	32
Qty/cube	128 units	128 units
Weight/cube	1316 kg	2901 lb

Code	Colour
16252752	Grey
4 bags of 37 connectors = 1 bag per row Production location Trois-Rivières	

Typical Row



Universal Connector



Code	Colour
70972062	Black
Box of 148 units 1 box of 4 bags of 37 units 72 boxes/cube	

TECHNICAL INFORMATION

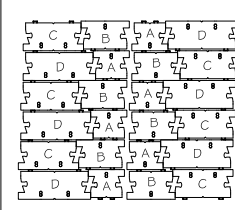
Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
Tandem Wall	ASTM C 1372	N/A	20.7 MPa	N/A	2000 kg/m³	10.4%	Length: ±3.2 mm Width: ±3.2 mm Height: ±3.2 mm

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



A			Dimensions mm	Dimensions in.	Code	Colour	Typical Row
		A	90 x 155 x 201	3 9/16 x 6 1/8 x 7 7/8	16259063	Grey	
B		B	90 x 155 x 268	3 9/16 x 6 1/8 x 10 1/2	For each structural unit, 1 alignment pin is included A set of 4 units = 1.17 ft²		
		C	90 x 155 x 335	3 9/16 x 6 1/8 x 13 3/16			
C		D	90 x 155 x 402	3 9/16 x 6 1/8 x 15 13/16	Can be double stacked Production location Trois-Rivières		
		Weight/unit (avg.)	23 kg	51 lb			
D		Area/layer	0.65 m²	7.02 ft²			
		Area/cube	3.91 m²	6 Rows	42.12 ft²		
		Qty/cube	A = 36	B = 36	C = 36	D = 36	
		Length/row (1 to 5)	7.24 lin. m	23.75 lin. ft			
D		Length/cube	43.44 lin. m	142.50 lin. ft			
		Weight/cube	1230 kg	2711 lb			

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/m³	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.