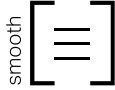
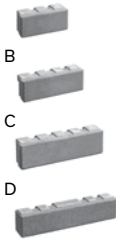


# Melville® Tandem® 90 and 180 Wall



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 <sup>2</sup>	10.53 ft <sup>2</sup>
<b>Area/cube</b>	<b>3.92 m<sup>2</sup></b>	<b>4 Rows 42.12 ft<sup>2</sup></b>
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



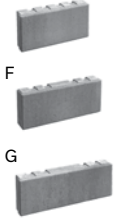
Code	Colour
	<b>Standard</b>
16251526	Range Newport Grey
16251527	Rockland Black
16251867	Range Margaux Beige
16251868	Range Scandina Grey
16252291	Range Amber Beige
16252293	Range Shaded Grey

A set of 4 units = 1.17 ft<sup>2</sup>  
Sold by layer  
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 <sup>2</sup>	11.63 ft <sup>2</sup>
<b>Area/cube</b>	<b>4.32 m<sup>2</sup></b>	<b>4 Rows 46.52 ft<sup>2</sup></b>
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



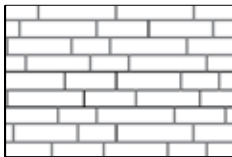
Code	Colour
	<b>Standard</b>
16251496	Range Newport Grey
16251497	Rockland Black
16251866	Range Margaux Beige
16251836	Range Scandina Grey
16252289	Range Amber Beige
16252288	Range Shaded Grey

A set of 3 units = 2.32 ft<sup>2</sup>  
Sold by layer  
Production location Metcalfe

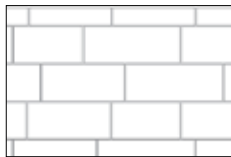
**Typical Row**

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

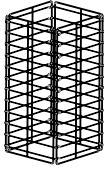
## TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
<b>Melville Tandem 90 and 180 Wall</b>	ASTM C 1372	N/A	20.7 MPa	N/A	2000 kg/m <sup>3</sup>	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 <sup>2</sup>	28 ft <sup>2</sup>
<b>Qty/cube</b>	<b>10 units</b>	<b>10 units</b>
Weight/cube	227 kg	499 lb

Code	Colour
	<b>Standard</b>
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
<b>Qty/bag</b>	<b>200 units</b>	<b>200 units</b>
Weight/package	143 kg	315 lb

Code	Colour
	<b>Standard</b>
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 <sup>2</sup>	8.31 ft <sup>2</sup>
<b>Qty/cube</b>	<b>40 units</b>	<b>40 units</b>
Weight/cube	137 kg	302 lb

Code	Colour
	<b>Standard</b>
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
<b>Qty/bag</b>	<b>15 units</b>	<b>15 units</b>
Weight/package	143 kg	315 lb

Code	Colour
	<b>Standard</b>
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
<b>Qty/bag</b>	<b>50 units</b>	<b>50 units</b>

Quantity of connectors required:  
**Lafitt Tandem 90 and Melville Tandem 90**  
7 connectors per ft<sup>2</sup> (1) - 74 connectors per m<sup>2</sup> (1)

**Lafitt Tandem 180 and Melville Tandem 180**  
5.5 connectors per ft<sup>2</sup> (1) - 57 connectors per m<sup>2</sup> (1)

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

Code	Colour
	<b>Standard</b>
70970615	Black

Sold by full bag  
Recommended for curved walls

## Corner Connector



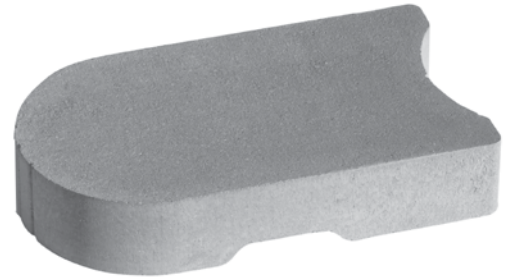
	Dimensions mm	Dimensions in.
	85 mm x 70 mm	3 3/8 x 2 3/4
<b>Qty/bag</b>	<b>50 units</b>	<b>50 units</b>
12 bags/cube		
Quantity required per 90° corner: one corner connector per row		

Code	Colour
	<b>Standard</b>
70970616	Black

Sold by full bag

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

# Tandem Wall Starter Unit

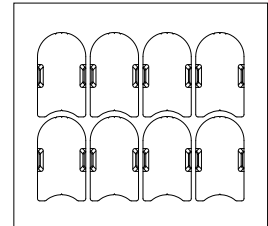


	Dimensions mm	Dimensions in.
	90 x 268 x 469	3 9/16 x 10 1/2 x 18 1/2
Weight/unit	23 kg	51 lb
Units/length	2.30 units/lin. m	0.70 unit/lin. ft
<b>Qty/cube</b>	<b>56 units</b>	<b>7 Rows</b>
<b>Weight/cube</b>	<b>1333 kg</b>	<b>2939 lb</b>

Code	Colour
12053584	Grey

Sold by piece  
Can be double stacked  
Production location Metcalfe

Typical Row



Walls

# Tandem® Next Wall 180 mm Structural Unit

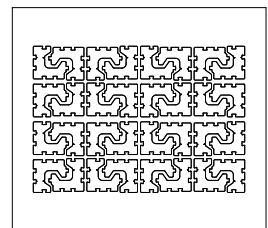


	Dimensions mm	Dimensions in.
	180 x 200 x 199	7 1/16 x 7 7/8 x 7 7/8
Weight/unit	9.4 kg	20.58 lb
Area/layer	1.13 m <sup>2</sup>	12.16 ft <sup>2</sup>
<b>Area/cube</b>	<b>4.52 m<sup>2</sup></b>	<b>4 Rows</b>
<b>48.64 ft<sup>2</sup></b>		
Length/row	6.37 lin. m	20.89 lin. ft
Length/cube	25.47 lin. m	83.57 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 by layer  
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/m <sup>3</sup>	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



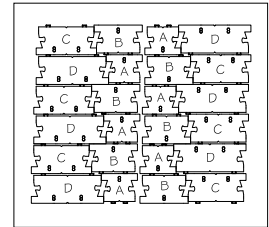
		Dimensions mm	Dimensions in.
A	A	90 x 155 x 201	3 9/16 x 6 1/8 x 7 7/8
	B	90 x 155 x 268	3 9/16 x 6 1/8 x 10 1/2
	C	90 x 155 x 335	3 9/16 x 6 1/8 x 13 3/16
	D	90 x 155 x 402	3 9/16 x 6 1/8 x 15 13/16
	Weight/unit (avg.)	23 kg	51 lb
	Area/layer	0.65 m <sup>2</sup>	7.02 ft <sup>2</sup>
	<b>Area/cube</b>	<b>3.91 m<sup>2</sup></b>	<b>6 Rows</b>
	<b>42.12 ft<sup>2</sup></b>		
	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	2711 lb

Code	Colour
16259063	Grey

For each structural unit,  
1 alignment pin is included  
A set of 4 units = 1.17 ft<sup>2</sup>

Sold by layer  
Can be double stacked  
Production location Trois-Rivières

### Typical Row



#### TECHNICAL INFORMATION

Product	Standard	Flexural Strength	Compressive Strength	De-icing salts freeze-thaw durability	Density	Absorption	Dimension Tolerance*
<b>Tandem Wall Structural</b>	ASTM C 1372	N/A	20.7 MPa	N/A	2000 kg/m <sup>3</sup>	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.