

# Lafitt® Tandem® 90 and 180 Wall



textured



Walls

## 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              |
|----------|---------------------|
| 16250907 | Range Newport Grey  |
| 16250906 | Range Margaux Beige |
| 16251849 | Range Scandina Grey |

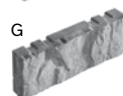
A set of 4 units = 1.17 ft<sup>2</sup>  
Sold in full cubes only  
Production location Metcalfe

### 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 |

\*Veneer with one textured side (corner)

## 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        | 634 kg                    | 1395 lb                            |

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

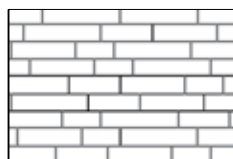
A set of 3 units = 2.32 ft<sup>2</sup>  
Sold in full cubes only  
Production location Metcalfe

### Typical Row

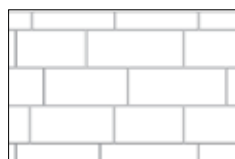
|   |   |   |
|---|---|---|
| F | G | E |
| F | G | E |
| F | G | E |
| F | G | E |
| F | G | E |

\*Veneer with one textured side (corner)

## Laying Patterns



Lafitt 90 Linear  
100% Lafitt Tandem 90



Lafitt 180 Linear  
100% Lafitt Tandem 180

## TECHNICAL INFORMATION

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

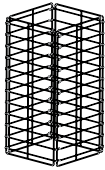
**Applications:** Retaining wall (by using 90 mm and 180 mm Next structural units) - Double-sided wall (by using double-sided concrete or plastic connector) - Pillars (by using the Tandem Wall Grid Pillar Kit) - Steps (by using Lafitt Plus Step unit)

**Recommended Capping units:** Lafitt Plus Capping unit

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

# 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               |

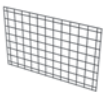
| Code                                                                                                                        | Colour |
|-----------------------------------------------------------------------------------------------------------------------------|--------|
| 70550661                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

## 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 |
|----------------------------------------------------|--------|
| 70550961                                           | Grey   |
| Sold by full package only<br>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 |
|----------------------------------------------------------------------------------------|--------|
| 70550550                                                                               | Silver |
| Includes one bag of 60 connectors,<br>10 screws and 10 clamps<br>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 |
|----------------------------------------------------|--------|
| 34355362                                           | Grey   |
| Sold by full package only<br>Non returnable pallet |        |

## Double-Sided Plastic Connector

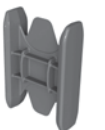


|                | Dimensions mm   | Dimensions in.  |
|----------------|-----------------|-----------------|
|                | 85 mm x 170 mm  | 3 3/8 x 6 11/16 |
| <b>Qty/bag</b> | <b>50 units</b> | <b>50 units</b> |

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 |
|--------------------------------------------------|--------|
| 70970615                                         | Black  |
| Sold by full bag<br>Recommended for curved walls |        |

## Corner Connector

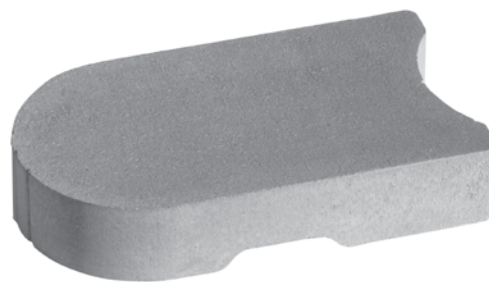


|                                                                                | Dimensions mm   | Dimensions in.  |
|--------------------------------------------------------------------------------|-----------------|-----------------|
|                                                                                | 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<br>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

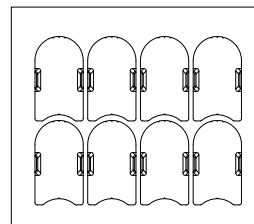


|                 | Dimensions mm     | Dimensions in.           |
|-----------------|-------------------|--------------------------|
|                 | 90 x 268 x 469    | 3 9/16 x 10 1/2 x 18 1/2 |
| Weight/unit     | 23 kg             | 51 lb                    |
| Units/length    | 2.30 units/lin.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

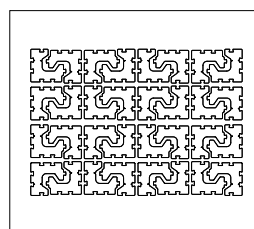


|                  | Dimensions mm             | Dimensions in.         |
|------------------|---------------------------|------------------------|
|                  | 180 x 200 x 199           | 7 1/16 x 7 7/8 x 7 7/8 |
| Weight/unit      | 9.4 kg                    | 20.58 lb               |
| Area/layer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

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

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

Typical Row



## Universal Connector



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

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

## TECHNICAL INFORMATION

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



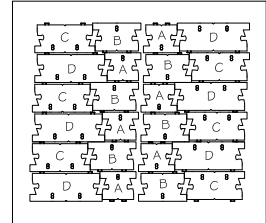
|                                                                                        |                     | Dimensions mm               | Dimensions in.               |
|----------------------------------------------------------------------------------------|---------------------|-----------------------------|------------------------------|
| A<br> | 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    |
| B<br> | Weight/unit (avg.)  | 23 kg                       | 51 lb                        |
|                                                                                        | Area/layer          | 0.65 m <sup>2</sup>         | 7.02 ft <sup>2</sup>         |
| C<br> | Area/cube           | 3.91 m <sup>2</sup>         | 6 Rows 42.12 ft <sup>2</sup> |
|                                                                                        | Qty/cube            | A = 36 B = 36 C = 36 D = 36 |                              |
| D<br> | 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 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 <sup>3</sup> | 10.4%      | Length: ±3.2 mm<br>Width: ±3.2 mm<br>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.