

# PERMACON

2026

Masonry Product Data Guide





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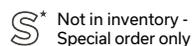
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Smooth  
Surface



Textured  
Surface



Not in inventory -  
Special order only

# Introduction

The purpose of this data guide is to provide product details, specifications and guidelines on best practices for specifying, ordering and installing Permacon Masonry Products.

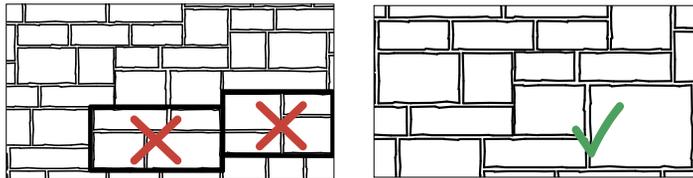
These are just a few basic rules to help you successfully complete your masonry project.

For further technical information we suggest you consult the following sources: CSA Standards and Applicable Building Codes.

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## SUGGESTION 1 - Avoid boxes

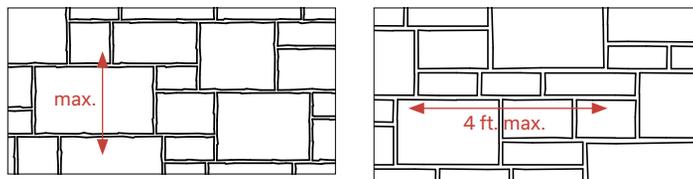
When a group of stones forms a compartment (rectangle or square) it creates joints that should be broken. Adding a different dimension stone usually solves the problem. However, in some projects, such as small columns or pillars, it is difficult (or impossible) to avoid them.



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## SUGGESTION 2 - Avoid long vertical or horizontal joints

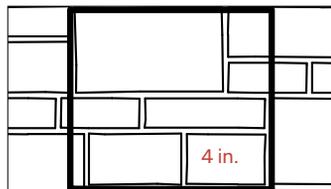
To maintain an aesthetic appearance of the wall, we suggest taking the height of the largest stone as the maximum reference for the vertical joints. Concerning the length of the horizontal joints, they should be less than 4 feet long.



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## SUGGESTION 3 - Provide a minimum overlap of 4 inches

The minimum overlapping of the stone should be at least 4 inches.

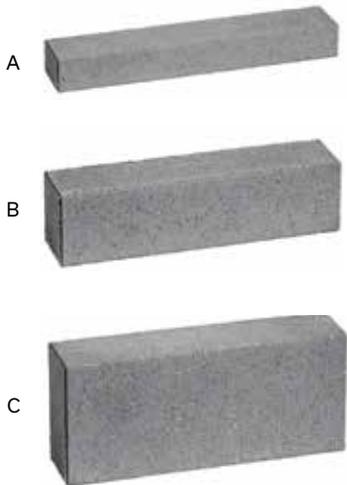


Please note all Permacon products are manufactured with natural ingredients like sand and stone, so it is normal that projects show variations in colour.



## Aria Stone [≡]

- Allows for modular and linear installations
- Modular dimensions for reduced waste and easier installations
- Fully finished corners
- Perfect match to Melville pavers and slabs



Colour	Code	
	Mixed 3-height	Large
Blizzard	34060081	34060083
Heron	34060046	34060052
Range Newport Grey	34060082	-
Rockland Black	34060071	-

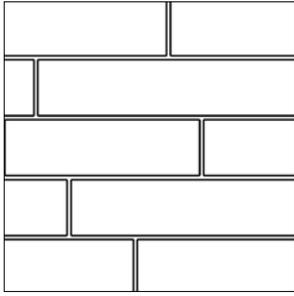
	Mixed 3-height	Large
Weight per cube (kg)	1508	1517
Rows per cube	7	7
Corner pieces	100%	100%
Sq.ft. per row	12.42	11.87
Sq.ft. per cube	86.94	83.09

<b>A</b>	90 mm x 60 mm x var.	3 1/2 in. x 2 3/8 in. x var.
<b>B</b>	90 mm x 102 mm x var.	3 1/2 in. x 4 in. x var.
<b>C</b>	90 mm x 172 mm x var.	3 1/2 in. x 6 3/4 in. x var.

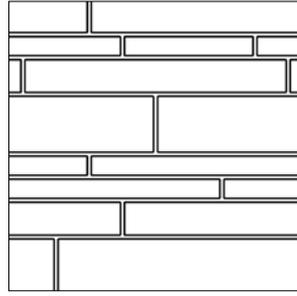
Units A, B and C are packaged together and available in all colours. Unit C is also packaged separately and available in Blizzard and Heron

# Aria Stone

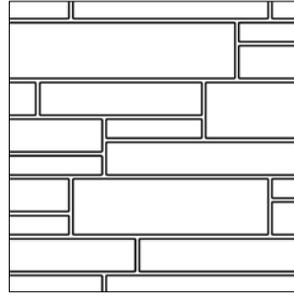
## Suggested Laying Pattern



Large - Linear

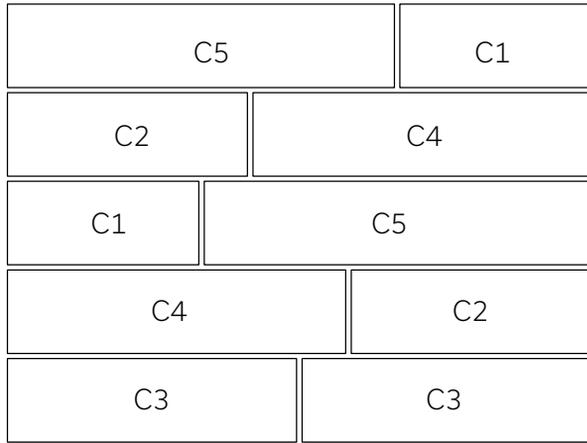


Mixed - Random coursed

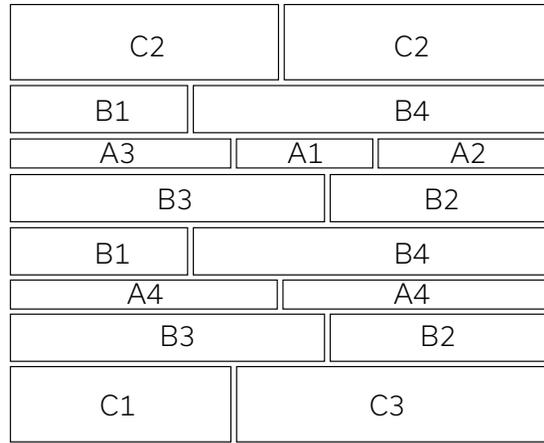


Mixed - Ashlar pattern

## Typical Layout

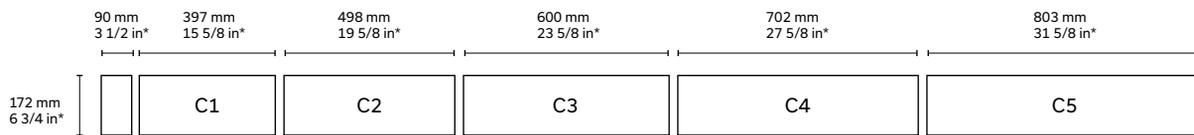


Large stones

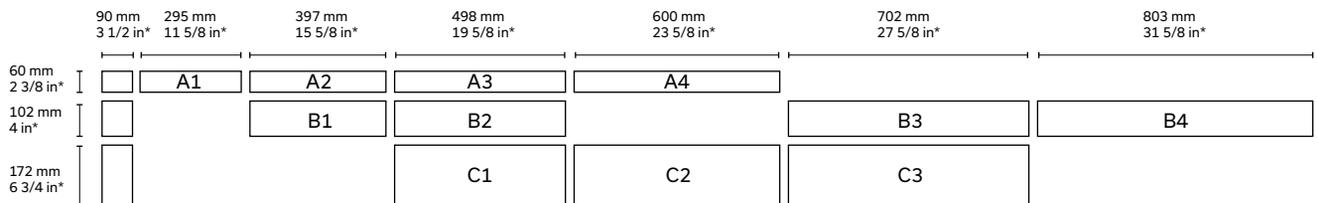


Mixed 3-height stones: small, medium and large

## Size - Stone Cladding



Large stones

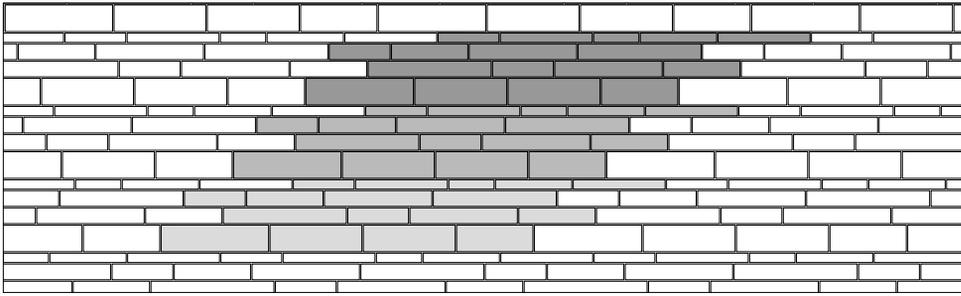


Mixed stones

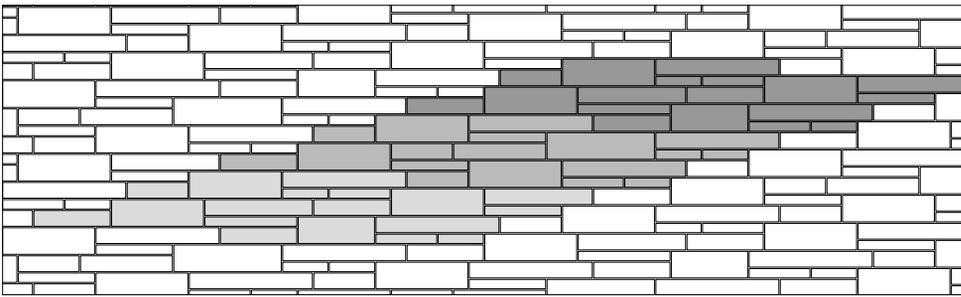
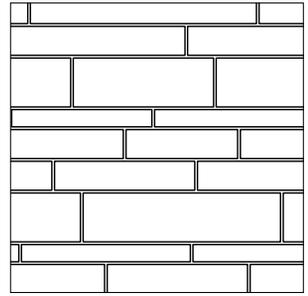
\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.  
 Note : Units (C1 to C5) are not sold individually. They are only sold as per the typical layout indicated.

# Aria Stone

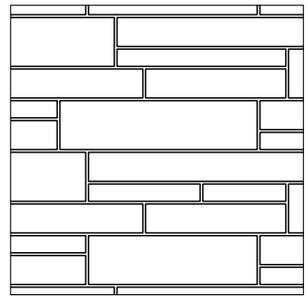
## Suggested Laying Pattern



Mixed stones - Random coursed



Mixed stones - Modular



For information purposes only. The pattern should be adapted to the existing rows on the pallet when installed.

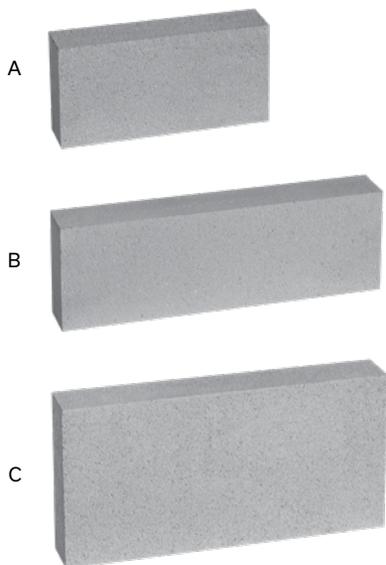
## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Aria Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



## Dominion Stone [≡]

Enhances any project with its distinctive appearance and timeless appeal.



Colour	Code		
	A	B	C
Limestone	43505046	43503341	43503042
Graphite	-	43500024	43500048
Milano	-	43500049	43500023

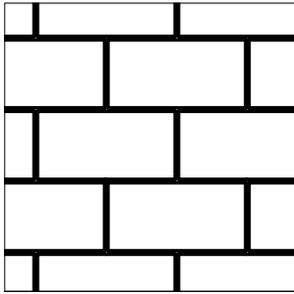
	A	B	C
Weight per cube (kg)	1374	1386	1388
Rows per cube	8	8	7
Sq.ft. per row	10.33	10.33	11.63
Sq.ft. per cube	82.67	82.67	81.38
Corner pieces	100%	100%	100%
Lin. ft. per row	15.75	15.75	11.81
Lin. ft. per cube	126	126	82.68
Qty per cube	96 units	64 units	42 units

<b>A</b>	90 x 190 x 390 mm	3 1/2 x 7 1/2 x 15 3/8 in.
<b>B</b>	90 x 190 x 590 mm	3 1/2 x 7 1/2 x 23 1/4 in.
<b>C</b>	90 x 290 x 590 mm	3 1/2 x 11 7/16 x 23 1/4 in.

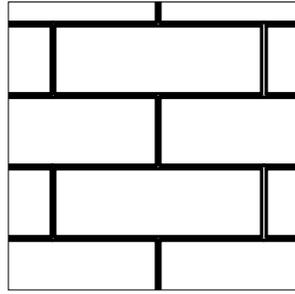
Milano and Graphite are only available for units B and C.  
Units A, B and C are sold separately

# Dominion Stone

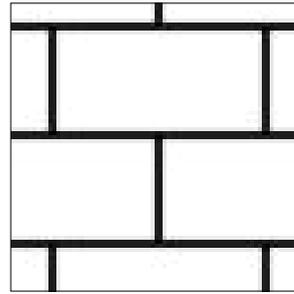
## Laying Pattern



Linear - 8 in. x 16 in.



Linear - 8 in. x 24 in.



Linear - 12 in. x 24 in.

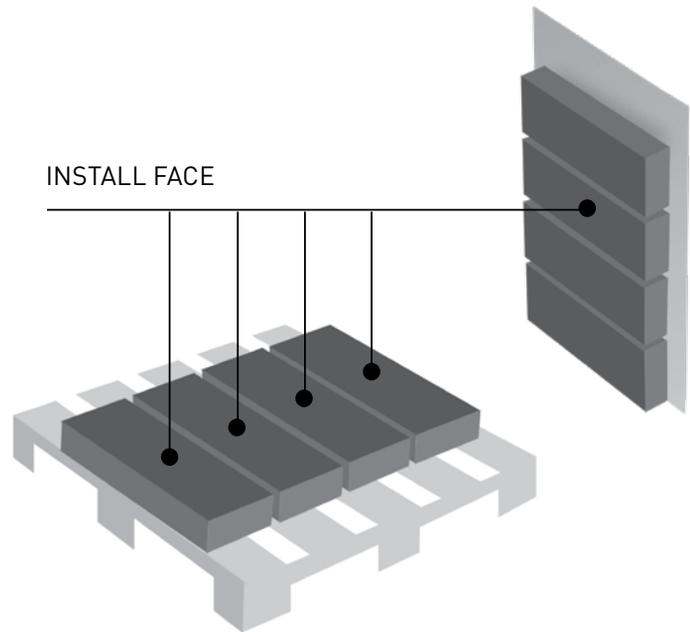
## IMPORTANT NOTICE

### CAUTION

**Top face = Install face**

Packaged lying down, finished face upwards

This unit is not reversible



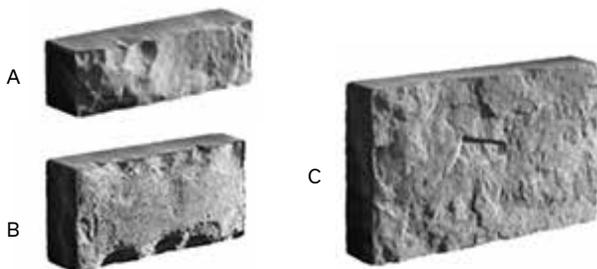
## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Dominion Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



## Lafitt Stone [ ]

- Unique pigmentation process, resulting in a product that maintains its colour year after year
- Total design freedom: choice of large stone ratios; choice of stone ratios with enhanced texture; choice of colour ranges (elemental and duos)
- Modular formats = less cutting and waste = material savings

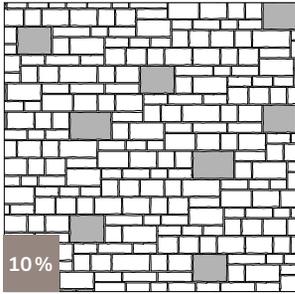


Colour	Code	
	Small-Medium	Large
Blizzard	34060088	34060089
Range Margaux Beige	34069003	34069027
Range Chambord Grey	169001904	34069024
Range Newport Grey	169001902	34060011
Range Scandina Grey	169001903	34060054
Rockland Black	34060028	34060029
Oasis	34060086	34060087
Terra	169000980	169000981
	Small-Medium	Large
Weight per cube (kg)	1553	1453
Rows per cube	7	7
Corner pieces	100%	100%
Sq.ft. per row	12.96	11.49
Sq.ft. per cube	90.86	80.43
<b>A</b>	90 mm x 102 mm x var.	3 1/2 in. x 4 in. x var.
<b>B</b>	90 mm x 178 mm x var.	3 1/2 in. x 7 in. x var.
<b>C</b>	90 mm x 292 mm x var.	3 1/2 in. x 11 1/2 in. x var.

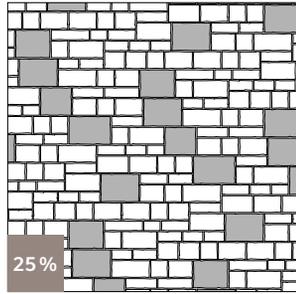
Unit C sold separately

# Lafitt Stone

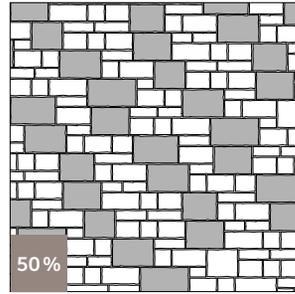
## Laying Pattern



10%  
9 cubes of 4 in. (102 mm) and 7 in. (178 mm) for 1 cube of 11 1/2 in. (292 mm)

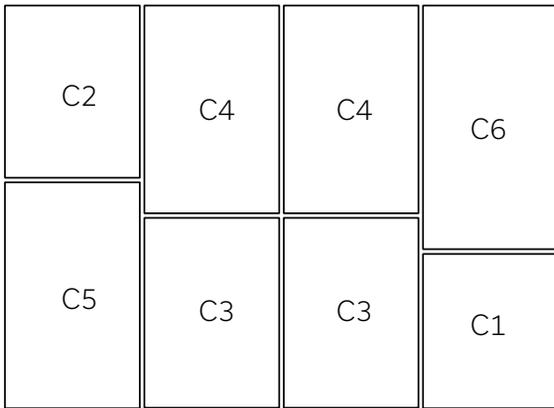


25%  
3 cubes of 4 in. (102 mm) and 7 in. (178 mm) for 1 cube of 11 1/2 in. (292 mm)

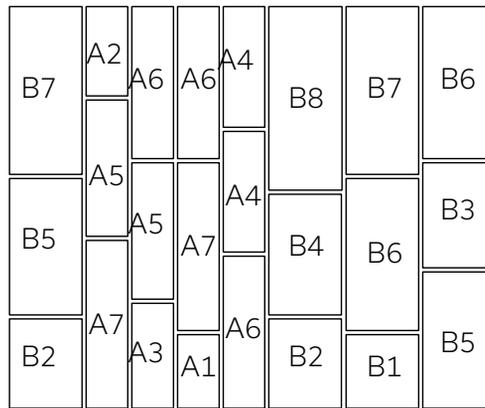


50%  
1 cube of 4 in. (102 mm) and 7 in. (178 mm) for 1 cube of 11 1/2 in. (292 mm)

## Typical Row

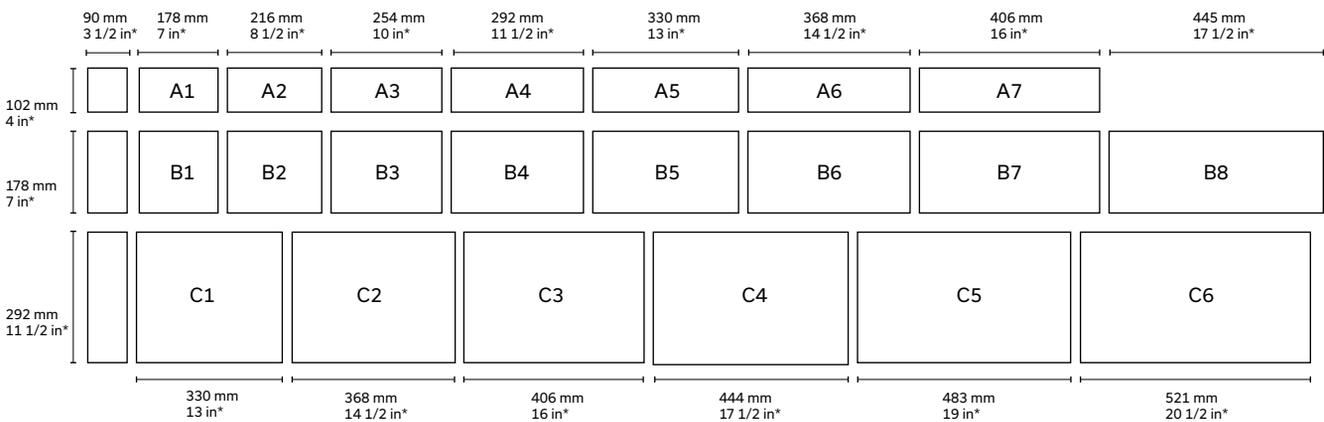


Large stones



Small and medium stones

## Size - Stone Cladding



\* Actual dimensions. Allow a 1/2 in. - 13 mm mortar joint in order to obtain nominal dimensions.

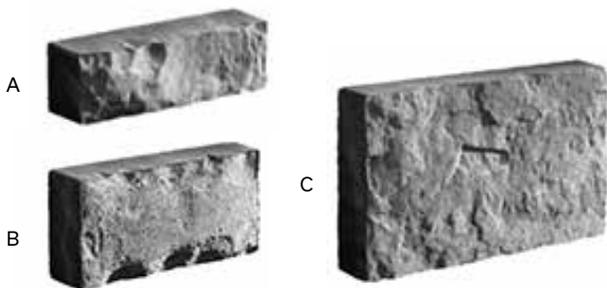
## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
Lafitt Stone	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



## Lafitt Alto Stone

- Unique pigmentation process, resulting in a product that maintains its colour year after year
- Total design freedom: choice of large stone ratios; choice of stone ratios with enhanced texture; choice of colour ranges (elemental and duos)
- Modular formats = less cutting and waste = material savings

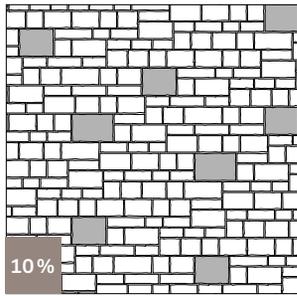


Colour	Code	
	Small-Medium	Large
Range Margaux Beige	34060037	34069001
Range Chambord Grey	34060039	34060026
Range Newport Grey	34060036	34069004
Range Scandina Grey	34060058	34060057
	Small-Medium	Large
Weight per cube (kg)	1615	1512
Rows per cube	7	7
Corner pieces	100%	100%
Sq.ft. per row	12.98	11.49
Sq.ft. per cube	90.86	80.43
<b>A</b>	90 mm x 102 mm x var.	3 1/2 in. x 4 in. x var.
<b>B</b>	90 mm x 178 mm x var.	3 1/2 in. x 7 in. x var.
<b>C</b>	90 mm x 292 mm x var.	3 1/2 in. x 11 1/2 in. x var.

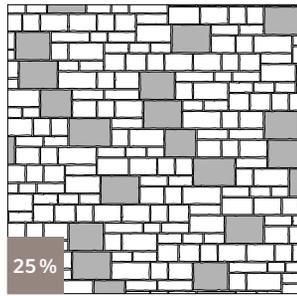
Unit C sold separately

# Lafitt Alto Stone

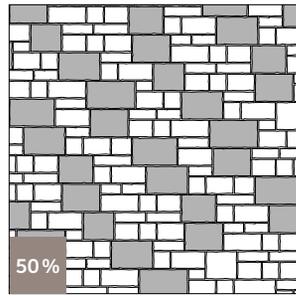
## Laying Pattern



9 cubes of 4 in. (102 mm) and 7 in. (178 mm) for 1 cube of 11 1/2 in. (292 mm)

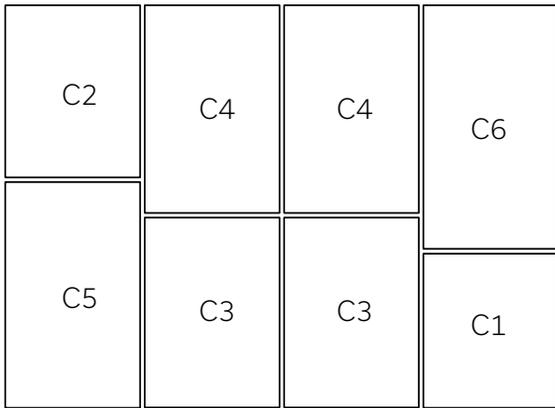


3 cubes of 4 in. (102 mm) and 7 in. (178 mm) for 1 cube of 11 1/2 in. (292 mm)

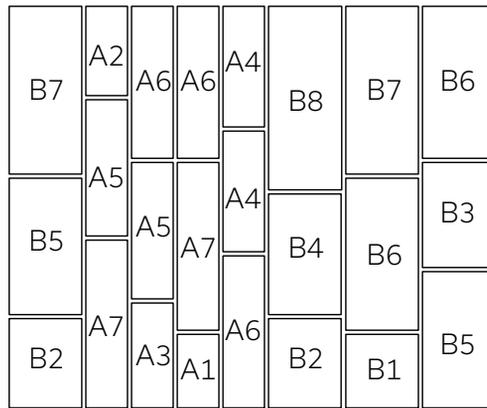


1 cube of 4 in. (102 mm) and 7 in. (178 mm) for 1 cube of 11 1/2 in. (292 mm)

## Typical Row

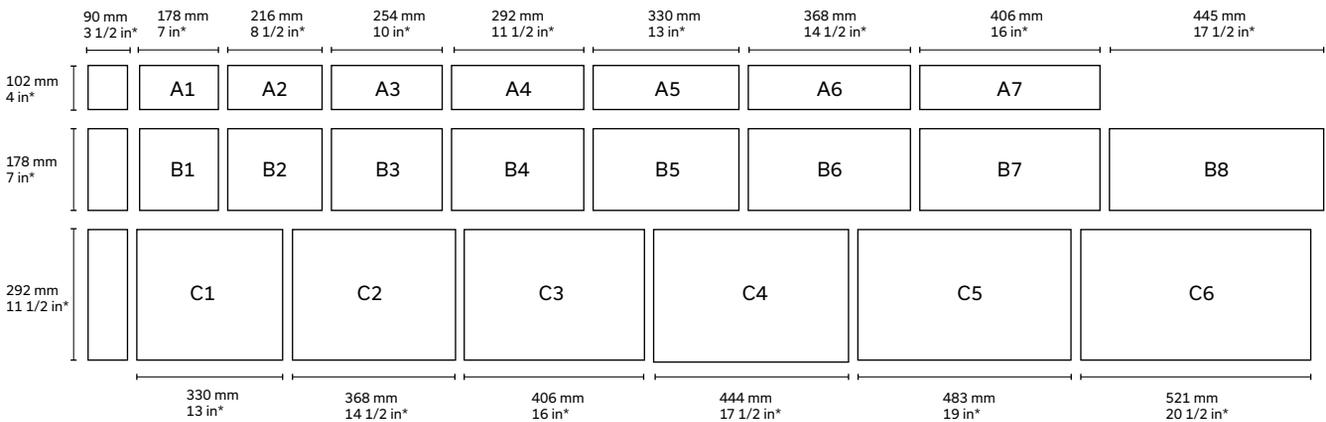


Large stones



Small and medium stones

## Size - Stone Cladding



\* Actual dimensions. Allow a 1/2 in. - 13 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Lafitt Alto Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



**Lafitt Alto Stone**  
90% Range Scandinavia Grey + 10% Range Newport Grey



**Lafitt Stone**  
70% Range Chambord Grey + 25% Range Margaux Beige + 5% Rockland Black



**Lafitt Stone**  
50% Range Margaux Beige + 50% Range Newport Grey



**Lafitt Stone**  
50% Range Margaux Beige + 50% Range Chambord Grey



**Lafitt Stone**  
95% Range Newport Grey + 5% Rockland Black



**Lafitt Stone**  
95% Range Chambord Grey + 5% Rockland Black



## Lamina Stone [ ]

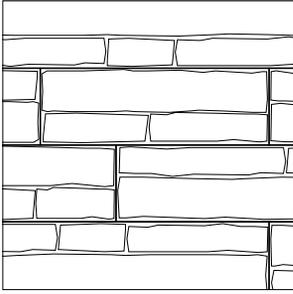
- A 90 mm thick stone veneer used in a conventional masonry manner
- Easy to install due to its unique single height and its four different lengths
- Fewer cuts and waste onsite thanks to its modularity



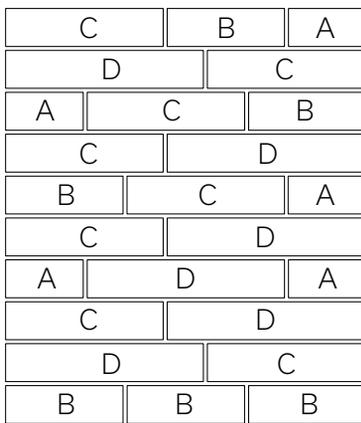
Colour	Code
Range Margaux Beige	12050029
Range Newport Grey	34250063
Rockland Black	34251701
Weight per cube (kg)	1309
Rows per cube	8
Corner pieces	40% - 26 ft vertical
Sq.ft. per row	9.97
Sq.ft. per cube	79.76
90 mm x 95 mm x var.	3 1/2 in. x 3 3/4 in. x var.

# Lamina Stone

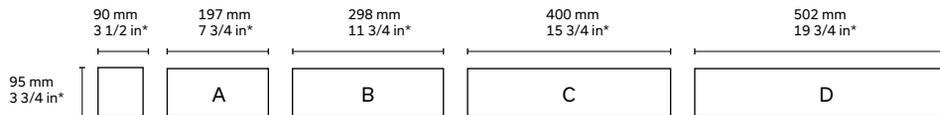
## Laying Pattern



## Typical Row



## Size - Stone Cladding

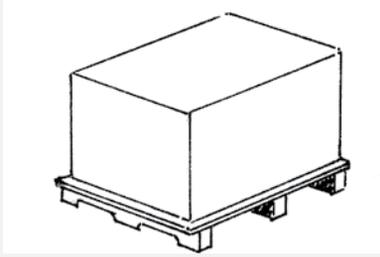


\* Actual dimensions: allow a 1/4 in. - 6mm mortar joint in order to obtain nominal dimensions. Lamina stone is offered in a finish that provides the appearance of stacked stones embellished throughout the years. It is completely normal that some stones present a small amount of softer edges and rounded corners.

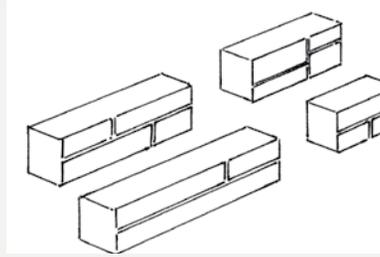
## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
Lamina Stone	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours

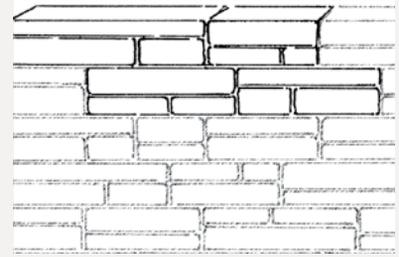
# Lamina Stone



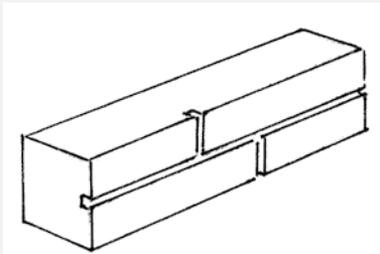
You will notice that the cubes come with all four units of Lamina stone.



All of the stones measure 90 mm (3 1/2 in.) in actual depth and 95.25 mm (3 3/4 in.) in actual height for an easy installation.



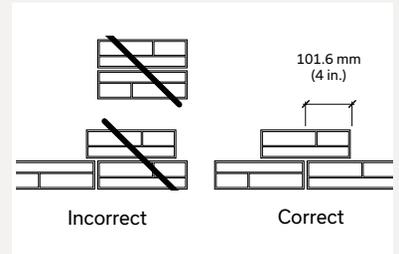
Lamina stone is installed like any other masonry veneer. The units should be installed randomly.



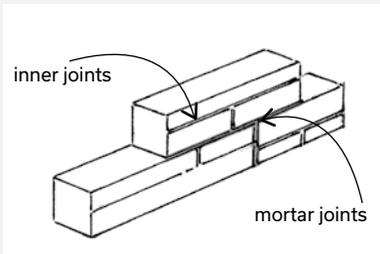
Each stone has different reliefs. This should be taken into consideration when installing the stone.



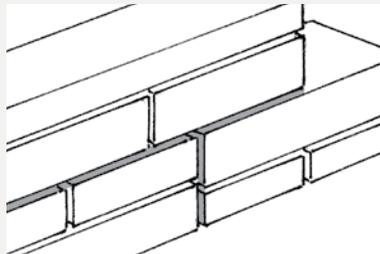
We suggest the use of mortar in its natural colour so that it can easily blend into the stone colours. We advise using a thin jointing tool to achieve a 6 mm (1/4 in.) thick joint.



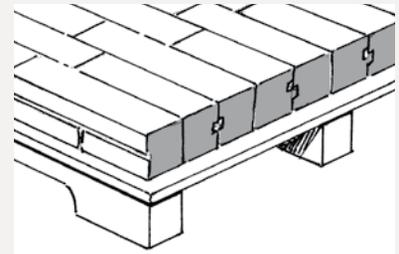
The selection of each stone needs to be as random in length and texture as possible to achieve a more natural look and feel. Avoid creating "boxes in" while installing, by overlapping the stones at least 101.6 mm (4 in.) to obtain the best interlocking results.



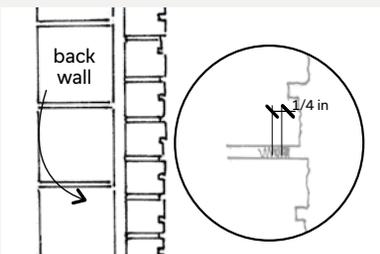
Identify the "mortar joints in" and the "inner joints in". The basic principle would be to have the "mortar joints in" and "inner joints in" as similar in thickness as possible.



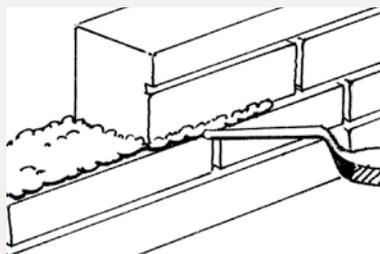
Try to achieve a "mortar joint in" of approximately 6 mm (1/4 in.) thick so that you can obtain an equal appearance throughout the stones.



Forty percent (40% or 26 vertical feet) of the stones have a textured end to easily achieve corners. They are easily identifiable, always located on one side of a row on the cube.



Leave a recessed joint of 6 mm (1/4 in.) deep compared to the deepest stone, so that all joints appear equal.



In order to make sure that all the mortar joints have the same colour, tool them when they have the same firmness. It should be noted that the firmer the joints, the darker the colour will be when tooled.

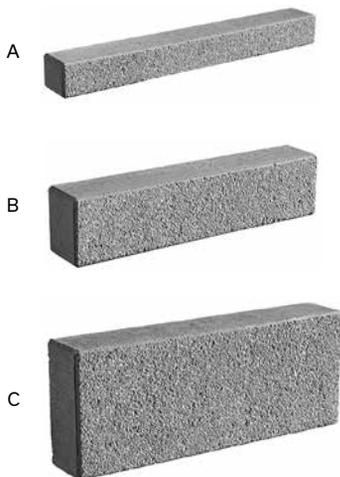


Once the installation is complete, clean the wall thoroughly with a stiff brush in order to remove any excess mortar. Remove any residue in the "inner joint in" with a trowel, a thin jointing tool or any other similar tool. Leave wall to dry for approximately 24 hours or until completely dry. Wash with any stone or masonry cleaner recommended by Permacon. Repeat this last step as needed.



## Lexa Stone [ ] S\*

- Allows for a modular or linear installation
- Reduces the number of cuts required and waste due to its modular dimensions
- Presents chamfered edges to accentuate clean lines
- Includes a percentage of stones with finished ends to achieve corners



Colour	Code	
	Small-Medium	Large
Cameo Beige	32259715	32259709
Alpine Grey	32259717	32259711

	Small-Medium	Large
Weight per cube (kg)	1489	1489
Rows per cube	8	8
Sq.ft. per row	10.53	10.53
Sq.ft. per cube	84.24	84.24
Corner pieces	50% - 21 ft. vertical	50% - 21 ft. vertical
Lin. ft. per row	31	15.50
Lin. ft. per cube	245	124
Qty per cube	128 units	64 units

<b>A</b>	90 mm x 76 mm x var.	3 1/2 in. x 3 in. x var.
<b>B</b>	90 mm x 114 mm x var.	3 1/2 in. x 4 1/2 in. x var.
<b>C</b>	90 mm x 198 mm x var.	3 1/2 in. x 7 13/16 in. x var.

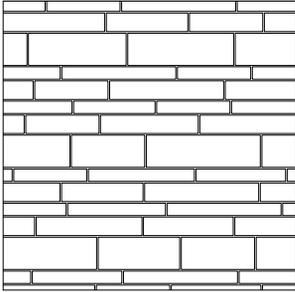
Colour	Suggested mortar colour
Cameo Beige	White
Alpine Grey	Natural

Unit C sold separately

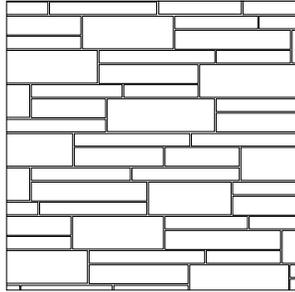
# Lexa Stone

## Laying Pattern

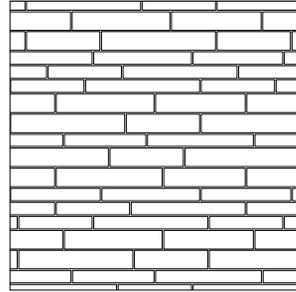
Choice of large stones of 7 13/16 in. - 198 mm



1 cube large stones +  
2 cubes small and medium  
stones - linear

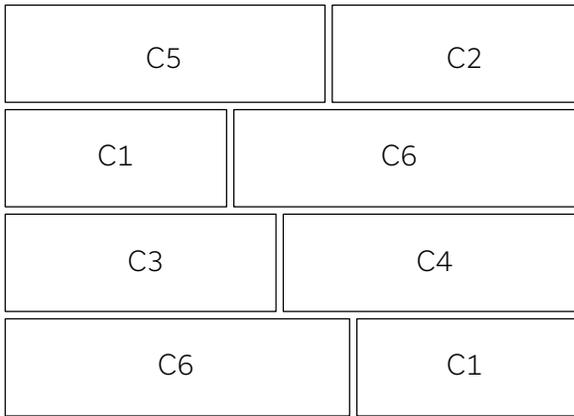


1 cube large stones +  
2 cubes small and medium  
stones - modular

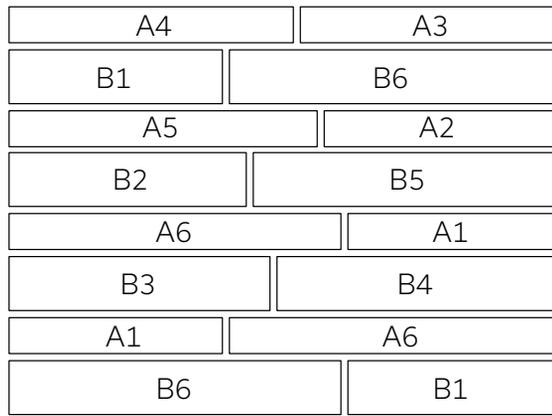


1 cube small and medium  
stones - linear

## Typical Row

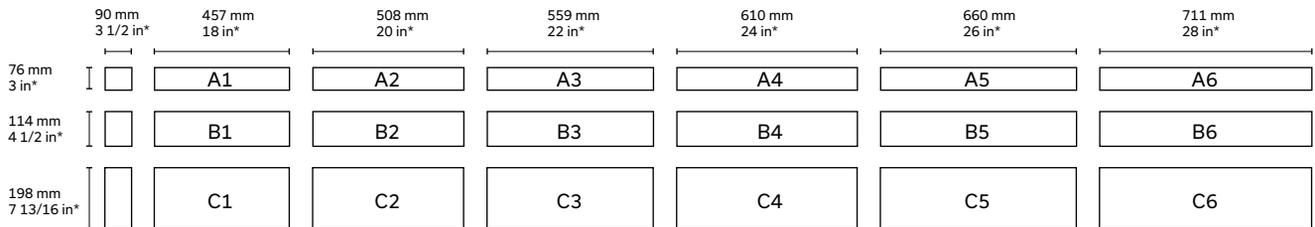


Large stones



Small and medium stones

## Size - Stone Cladding



\* Actual dimensions. Allow a 1/3 in. - 8 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Lexa Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



## Maestro Stone [≡]

- Fully finished corners
- Perfect match to Melville pavers and slabs

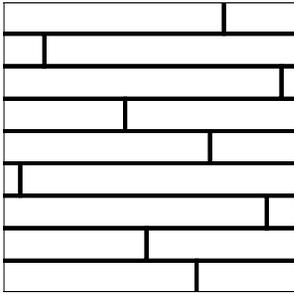


Colour	Code
Cameo Beige	32252173
Sterling Grey 	32252171
Rockland Black 	32252172
<hr/>	
Weight per cube (kg)	1256
Rows per cube	8
Sq. ft. per row	8.72
Sq. ft. per cube	69.76
Corner pieces	100%
Lin. ft. per row	26.28
Lin. ft. per cube	210.24
Qty per cube	72 units
<hr/>	
90 x 90 x 890 mm	3 1/2 x 3 1/2 x 35 in.

# Maestro Stone

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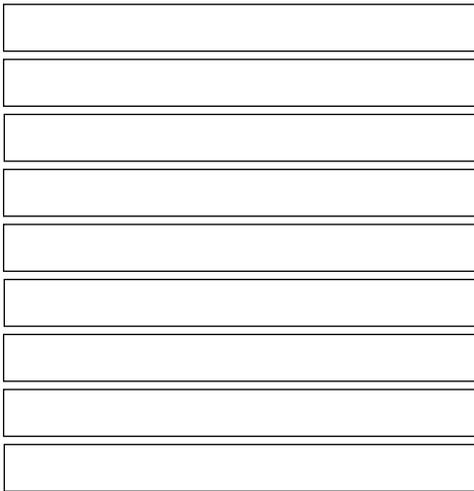
## Laying Pattern



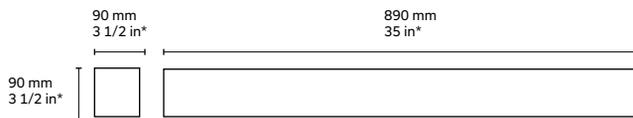
Linear

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## Typical Layout



## Size - Stone Cladding



\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.

## Technical information

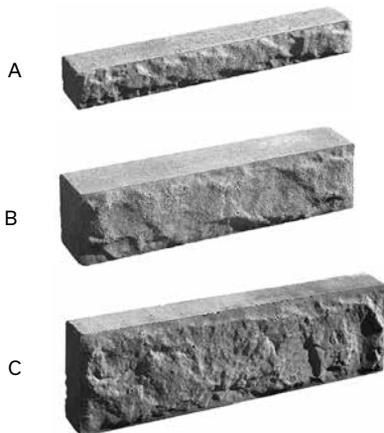
Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Maestro Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours

---



## Mondrian Stone

- Allows for a modular or linear installation
- Reduces the number of cuts required and waste due to its modular dimensions
- Matches perfectly with our landscaping products, including Trafalgar pavers, Mondrian Plus pavers and slabs



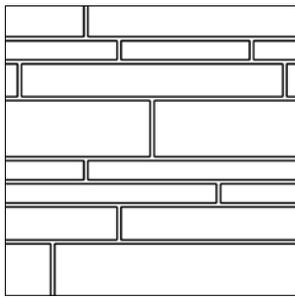
Colour	Code
Blizzard	169001675
Range Amber Beige	169001676
Range Margaux Beige	169001677
Range Newport Grey	169001678
Range Scandina Grey	169001679
Oasis <b>N</b>	169003080

Mix	
Weight per cube (kg)	1668
Rows per cube	8
Sq.ft. per row	11.24
Sq.ft. per cube	89.92
Corner pieces	100%

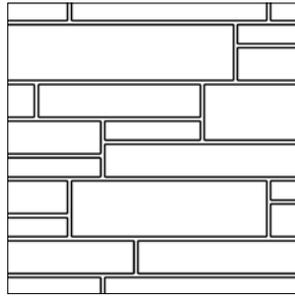
<b>A</b>	90 mm x 60 mm x var.	3 1/2 in. x 2 3/8 in. x var.
<b>B</b>	90 mm x 102 mm x var.	3 1/2 in. x 4 in. x var.
<b>C</b>	90 mm x 172 mm x var.	3 1/2 in. x 6 3/4 in. x var.

# Mondrian Stone

## Laying Pattern

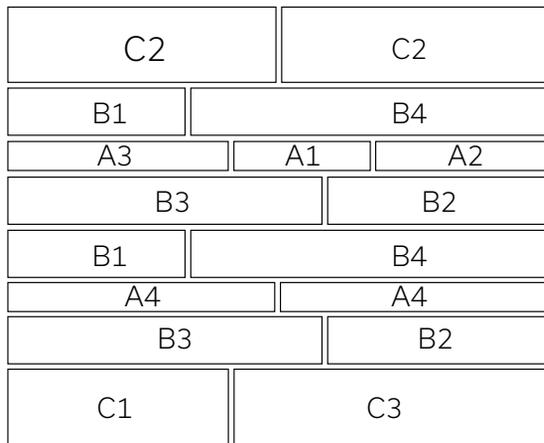


Linear



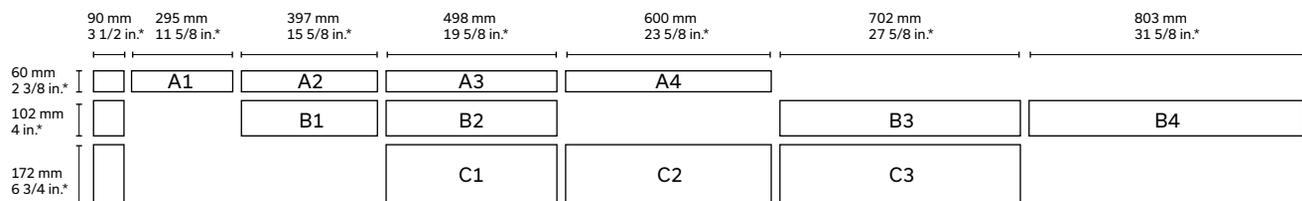
Modular

## Typical Row



Mixed 3-height stones: small, medium and large

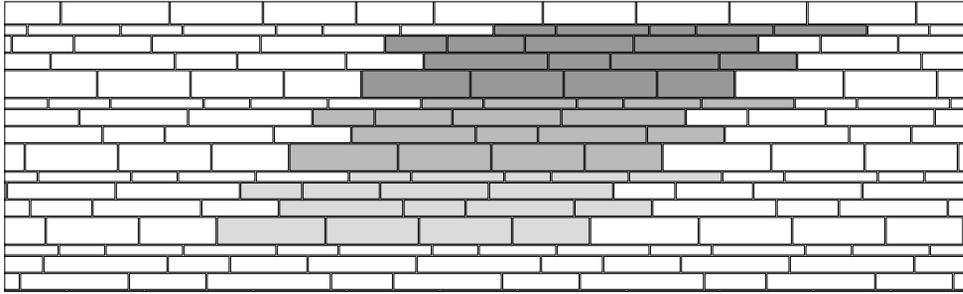
## Size - Stone Cladding



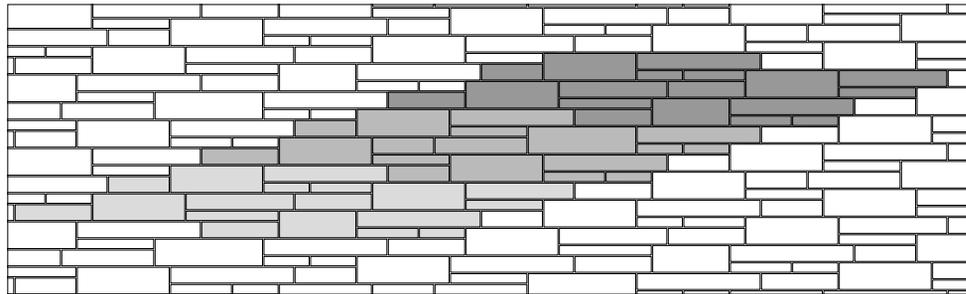
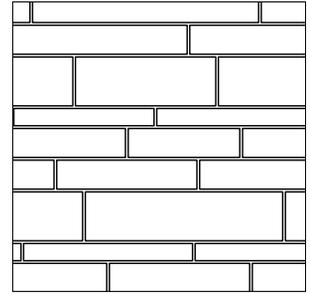
\* Actual dimensions. Allow a 1/3 in. - 8 mm mortar joint in order to obtain nominal dimensions.

# Mondrian Stone

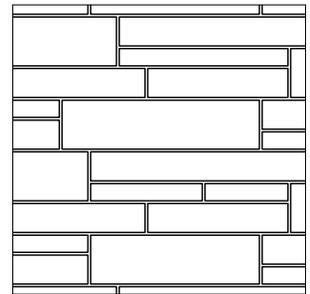
## Suggested Laying Pattern



Random coursed



Modular



For information purposes only. The pattern should be adapted to the existing rows on the pallet when installed.

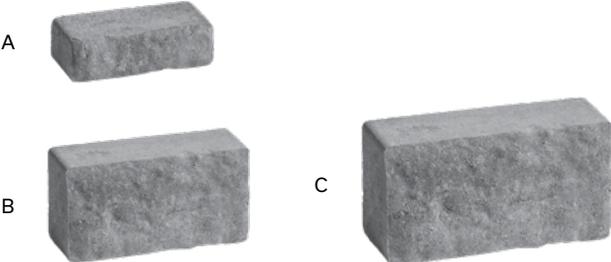
## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Mondrian Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



# Vika Stone [ ]

- Dimensions ideal for smaller areas
- Three heights in the same cube to simplify on-site management
- Fewer cuts and faster installation due to its modular format
- Fully finished corners



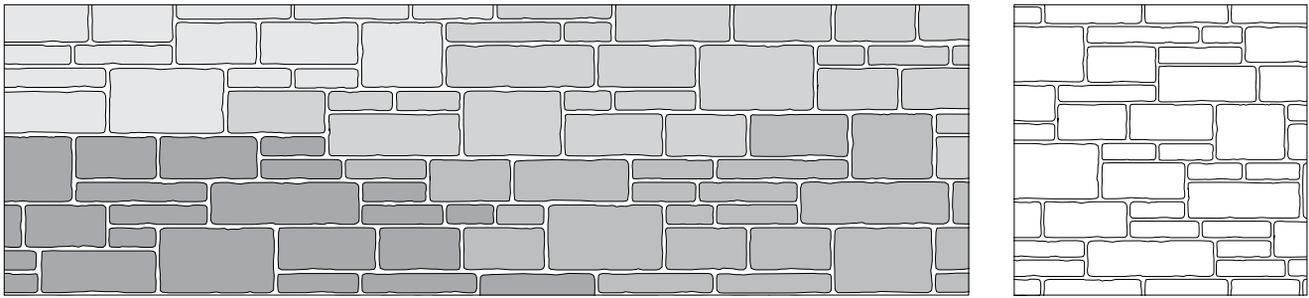
Colour	Code
Range Chambord Grey	169002144
Range Newport Grey	169002143
Oasis	169002145

	Mix
Weight per cube (kg)	1220
Rows per cube	7
Sq.ft. per row	11.44
Sq.ft. per cube	80.08
Corner pieces	100%

<b>A</b>	90 mm x 56.5 mm x var.	3 1/2 in. x 2 1/4 in. x var.
<b>B</b>	90 mm x 123 mm x var.	3 1/2 in. x 4 7/8 in. x var.
<b>C</b>	90 mm x 190 mm x var.	3 1/2 in. x 7 1/2 in. x var.

# Vika Stone

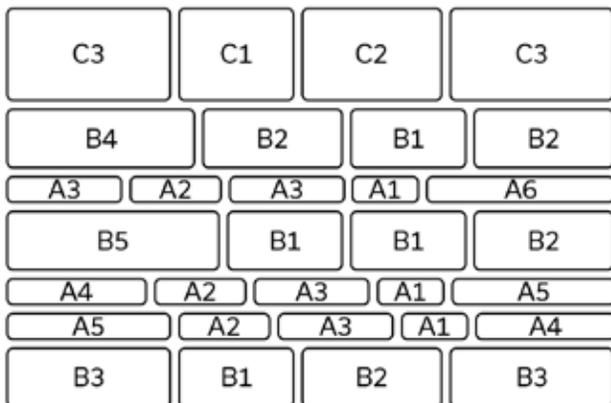
## Suggested Laying Pattern



### Modular

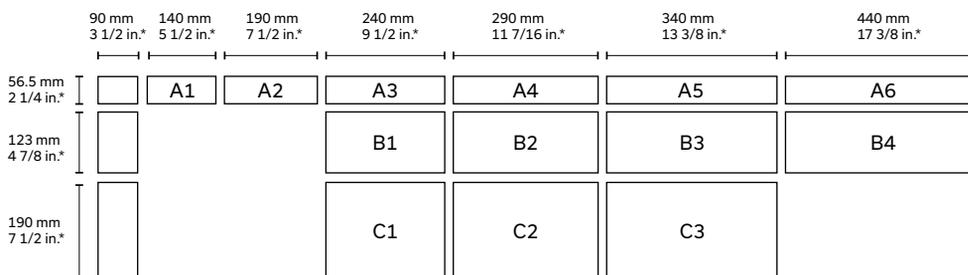
For information purposes only. The pattern should be adapted to the existing rows on the pallet when installed.

## Typical Row



Mixed 3-height stones: small, medium and large

## Size - Stone Cladding



\* Actual dimensions. Allow a 1/3 in. - 8 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Vika Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



## Colosseo Block [≡]

- Architectural block look and finished corners on all units
- Smooth texture on both faces—can be installed on either side
- Cored block, which provides increased adhesion to mortar and eases the installation (lighter units)
- Ideal for institutional, commercial, industrial projects that require fast and economical installation

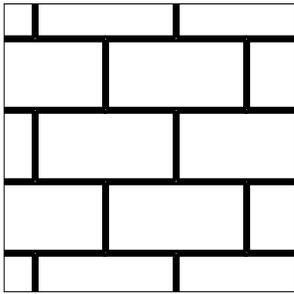


Colour	Code
Charcoal	169001786
Optra	169001787
Sterling	169001788
Weight per cube (kg)	1 404
Rows per cube	5
Sq.ft. per row	19.14
Sq.ft. per cube	95.72
Corner pieces	100%
Lin. ft. per row	30.71
Lin. ft. per cube	153.54
Qty per cube	120 units
90 x 190 x 390 mm	4 x 8 x 16 in.

# Colosseo Block

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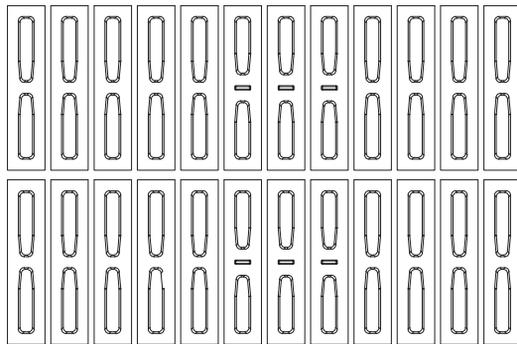
## Laying Pattern



Running Bond

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## Typical Row



## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Colosseo Block</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	0.80 hours



## Cardin Brick [≡]

- Size lowers overall costs (materials and installation)
- Uniform distribution of pigments throughout the brick that preserve their colour year after year rather than just on the surface

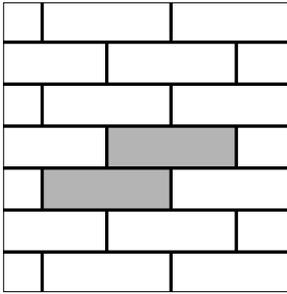


Colour	Code
Arctic White	25101115
Blizzard	25105014
Weight per cube (kg)	1450
Rows per cube	8
Sq.ft. per row	11.25
Sq.ft. per cube	90.01
Coverage	3.9 bricks
Qty per cube	352 bricks
90 x 79 x 257 mm	3 1/2 x 3 1/8 x 10 1/8 in.

# Cardin Brick

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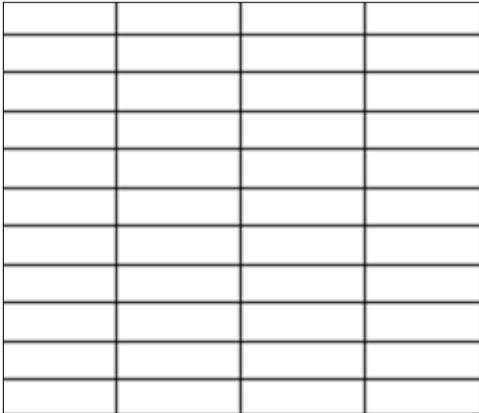
## Laying Pattern



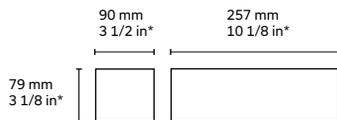
1/2 Running Bond

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## Typical Layout



## Format



\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Cardin Brick</b>	CSA A165.2	25 MPa	> 2000 kg/m <sup>3</sup>	8%	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±2.0 mm	1.39 hours

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## Cinco Plus Brick [ ]

- Harmonizes perfectly with stone, especially Lafitt stone, thanks to its multiple lengths, texture and colours
- Installs similar to brick so costs are reduced compared to stone

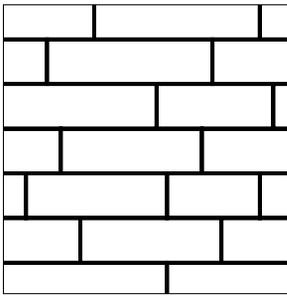


Colour	Code
Range Margaux Beige	25100173
Range Chambord Grey	25100172
Range Grey and Black*	25100169
Range Newport Grey	25100165
Range Scandina Grey	25100168
Rockland Black*	25100802
Weight per cube (kg)	1480
Rows per cube	7
Corner pieces	58%
Sq.ft. per row	12.67
Sq.ft. per cube	88.69
Coverage	3.2 bricks (average)
90 mm x 92 mm x var.	3 1/2 in. x 3 5/8 in. x var.

\* Range Grey and Black and Rockland Black are not available in the Greater Toronto Area

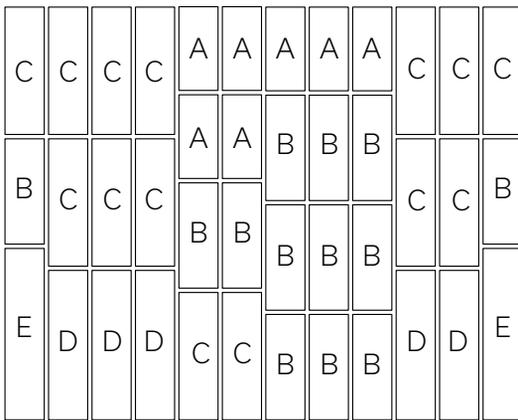
# Cinco Plus Brick

## Laying Pattern

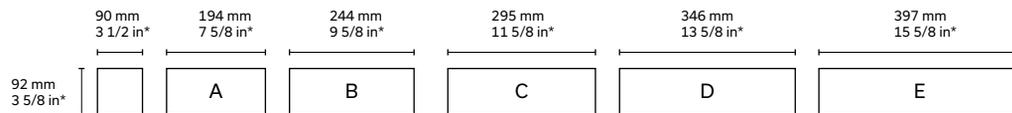


Linear

## Typical Layout



## Format



\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Cinco Plus Brick</b>	CSA A165.2	25 MPa	> 2000 kg/m <sup>3</sup>	8%	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±2.0 mm	1.39 hours



## Cinco Plus Stone [ ]

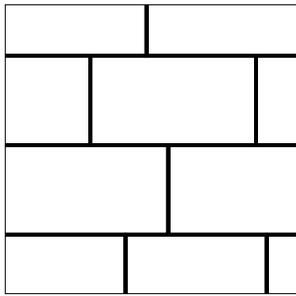
- Versatile: use alone or with Cinco brick
- Cost effective (installs like a brick)
- Unique look that is part brick, part stone



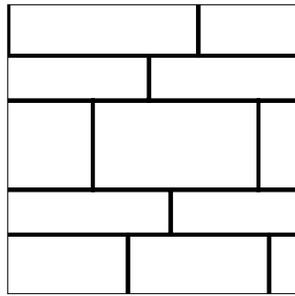
Colour	Code
Range Chambord Grey	25100167
Range Newport Grey	25100166
Range Scandinia Grey	25102153
Weight per cube (kg)	1436
Rows per cube	7
Corner pieces	86%
Sq.ft. per row	12.29
Sq.ft. per cube	86.03
90 mm x 196 mm x var.	3 1/2 in. x 7 23/32 in. x var.

# Cinco Plus Stone

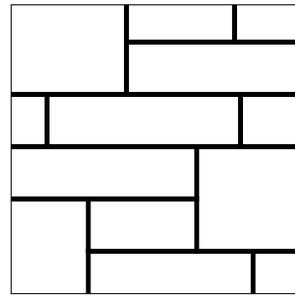
## Laying Pattern



Cinco Stone linear

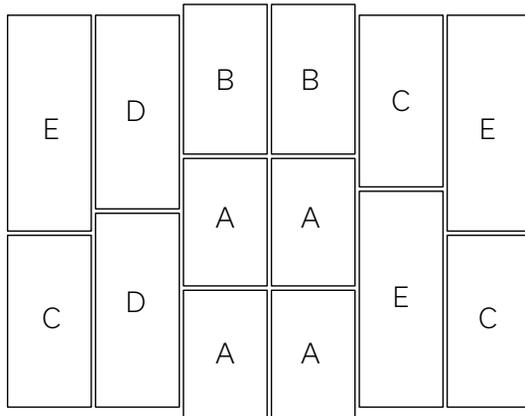


Cinco Stone and Cinco Brick linear

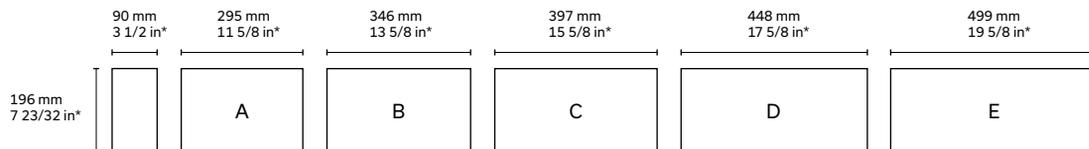


Cinco Stone and Cinco Brick modular

## Typical Layout



## Format



\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Cinco Plus Stone</b>	CSA A165.1	15 MPa	A : Over 2000 kg/m <sup>3</sup>	A : 175 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm	1.39 hours



## Melville Norman Brick [≡]

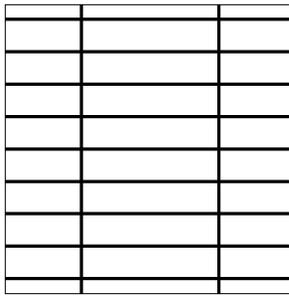
- Manufacturing process offers unparalleled dimensional stability to the brick
- Laying with 1/3 running bond pattern avoids cutting bricks at the corner for a more efficient installation
- Uniform distribution of pigments throughout the bricks that preserve their colour year after year rather than just on the surface



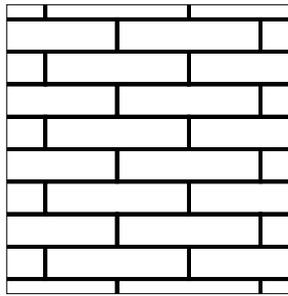
Colour	Code
Alpine Grey	25101113
Sterling Grey	25102062
Rockland Black	25101111
Weight per cube (kg)	1270
Rows per cube	12
Sq.ft. per row	7.79
Sq.ft. per cube	93.49
Coverage	4.6
Qty per cube	432 bricks
90 x 57 x 290 mm	3 1/2 x 2 1/4 x 11 7/16 in.

# Melville Norman Brick

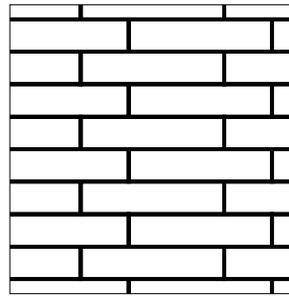
## Laying Pattern



Linear

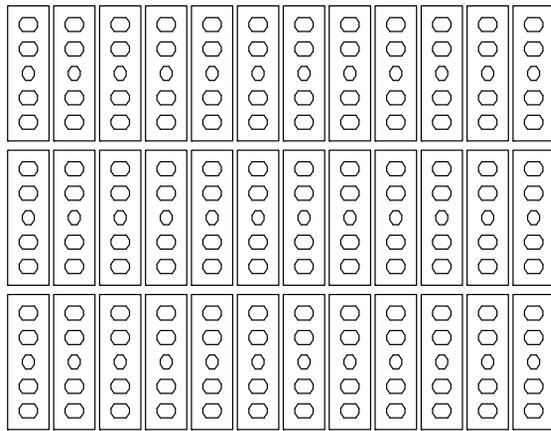


1/2 Running Bond

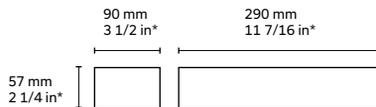


1/3 Running Bond

## Typical Layout



## Format



\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Melville Norman Brick</b>	CSA A165.2	20 MPa	> 2000 kg/m <sup>3</sup>	8%	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±2.0 mm	0.96 hour



## Melville Slik Brick

- Size lowers overall costs (materials and installation)
- Cored brick make it easier to install and provide increased adhesion to mortar
- Double sided and colour throughout

Colour	Code
Cameo Beige	25100801
Alpine Grey	25100132
Sterling Grey	25102331
Range Margaux Beige	25109021
Range Chambord Grey	25104441
Range Newport Grey	25102301
Range Scandina Grey	25104341
Rockland Black	25100032
Oasis	169000982
Terra	169000986
Lisbon <b>N</b>	25102482
Sepia <b>N</b>	25104371

Weight per cube (kg)	1456
Rows per cube	12
Sq.ft. per row	9.21
Sq.ft. per cube	110.47
Coverage	3.9 bricks
Qty per cube	432 bricks

<b>A</b>	90 x 79 x 257 mm	3 1/2 x 3 1/8 x 10 1/8 in.
<b>B</b>	90 x 79 x 257 - 212 mm	3 1/2 x 3 1/8 x 10 1/8 - 8 3/8 in.

A

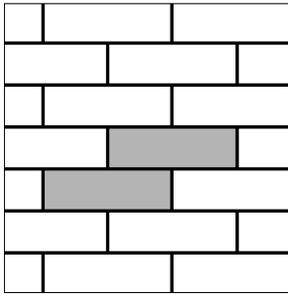


B



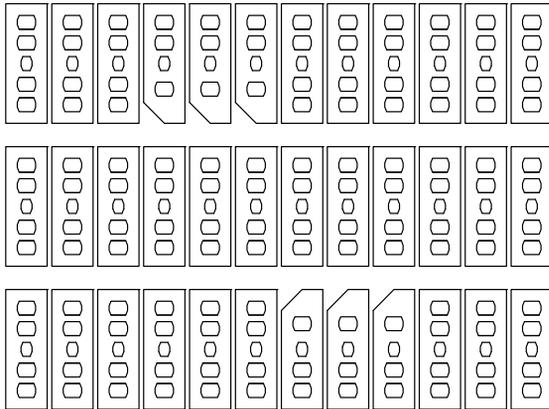
# Melville Slik Brick

## Laying Pattern

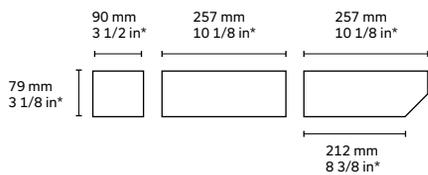


1/2 Running Bond

## Typical Layout



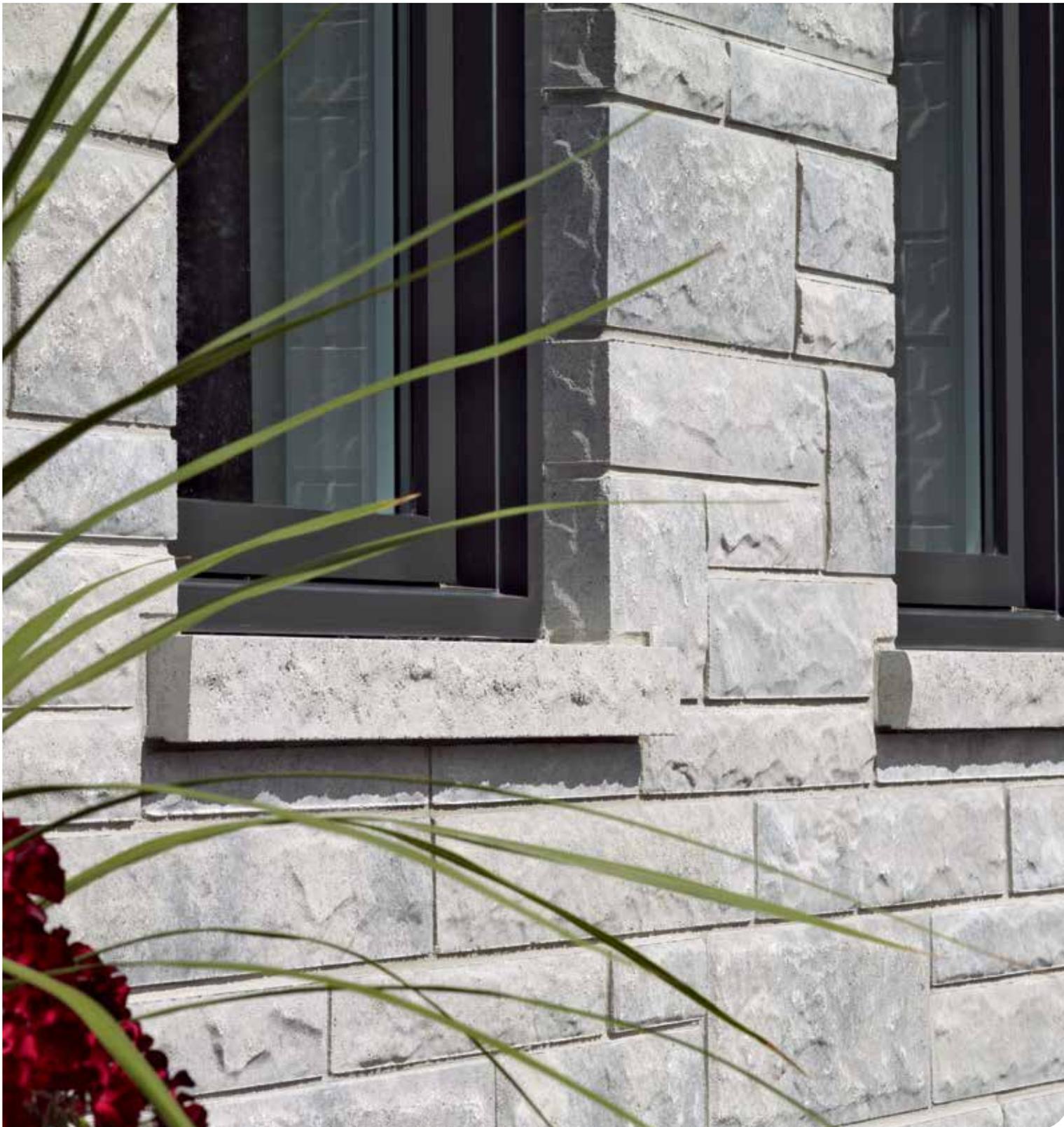
## Format



\* Actual dimensions. Allow a 3/8 in. - 10 mm mortar joint in order to obtain nominal dimensions.

## Technical information

Product	Standard	Compressive Strength	Density	Absorption	Dimension Tolerance	Fire Resistance (CNB)
<b>Melville Slik Brick</b>	CSA A165.2	20 MPa	> 2000 kg/m <sup>3</sup>	8 %	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±2.0 mm	1,00 hour



## Accessories

- Savings on material thanks to longer sills, means less joints and less cuts
- High density concrete makes it more durable
- Flexibility and innovation in the design thanks to its chiselled and smooth finishes
- Choice of colours that can easily be matched with all products
- The sill matches the height of a max size brick (3.9 bricks/square foot) such as Melville Slik Brick and Cardin Brick

# Dominion Jamb and Reversible Window Sill



## Reversible Dominion Window Sill

Colour	Code
Limestone	43503043
Weight per cube (kg)	1471
Rows per cube	8
Qty per cube (unit)	64



145 x 75 x 914 mm      5 11/16 x 3 x 36 in.

## Dominion Jamb

Colour	Code
Limestone	169001785
Weight per cube (kg)	1659
Rows per cube	7
Qty per cube (unit)	56



89 x 254 x 610 mm      3 1/2 x 10 x 24 in.

# Cardiff Window Sills



## Smooth

Colour	Code
Off-White	43503051
Sterling Grey	43503054
Weight per cube (kg)	1253
Rows per cube	4
Qty per cube (unit)	48



150 x 79 x 948 mm      5 7/8 x 3 1/8 x 37 3/8 in.

## Chiselled

Colour	Code
Off-White	43509003
Weight per cube (kg)	1374
Rows per cube	4
Qty per cube (unit)	48



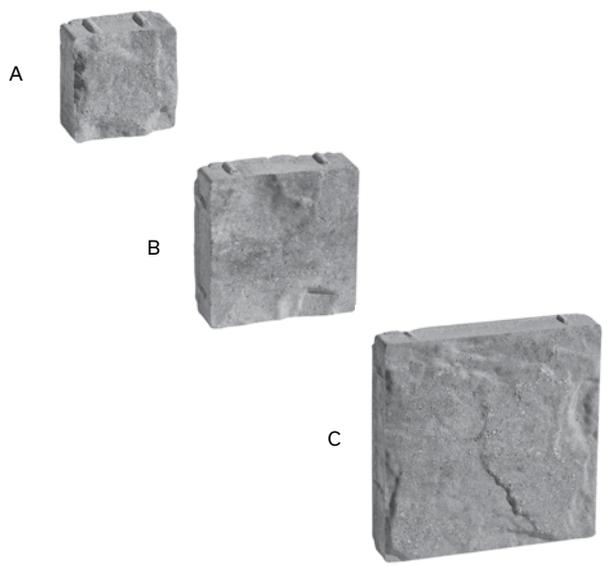
150 x 79 x 948 mm      5 7/8. x 3 1/8 x 37 3/8 in.



Durham Stone   

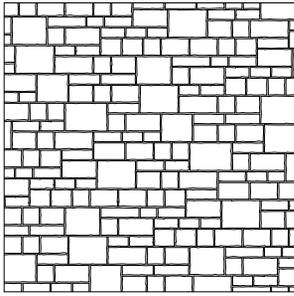
A key feature is its rustic texture inspired by the French country manor.

Colour	Code
Range Margaux Beige	34350021
Range Chambord Grey	34350127
Range Newport Grey	34350121
Weight per cube (kg)	1415
Rows per cube	12
Sq.ft. per row	12.43
Sq.ft. per cube	149.16
Suretouch System weight (stone, mortar, panel and hardware)	22 lb/ft <sup>2</sup> approximately



# Suretouch - Durham Stone

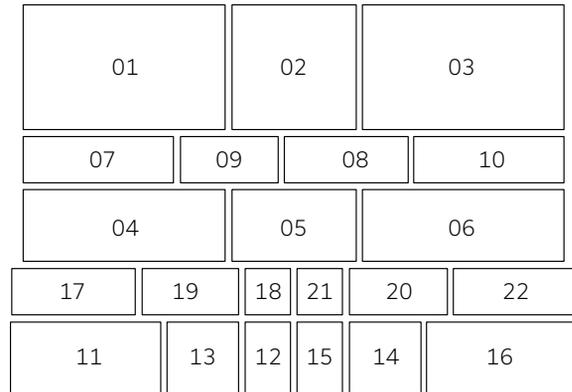
## Laying Pattern



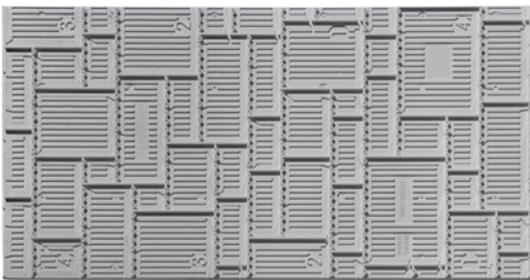
Linear

\* Follow the polystyrene laying pattern

## Typical Row



## Components



Polystyrene panel  
50 x 1219 x 2438 mm - 2 x 48 x 76 in



Kit 90 - anchors, screws,  
weep



Starter Base  
83 x 83 x 3048 mm - 3 1/2 x 3 1/2 x 120 in

## Necessary installation material

Durham Stone				Product code
<b>Sq.ft. of stone/pallet</b>	1 cube = 12 rows	1 row = 12.42	Total : 149 ft <sup>2</sup>	
<b>Polystyrene panels</b>	1 pack (7 panels) = 1 cube of stone		1 panel = 26 ft <sup>2</sup>	34359039
<b>Kit 90 - anchors/screws</b>	1 box of anchors/screws 90 = 1 cube of stone			34359020
	1 bag 30 kg = 35 ft <sup>2</sup>			
<b>Mortar</b>	1-1-6 mortar mix recommended			

## Technical information

Product	Standard	Compressive Strength	Density	Dimension Tolerance
Durham Stone	CSA A165.94	25 MPa	A: Over 2000 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm

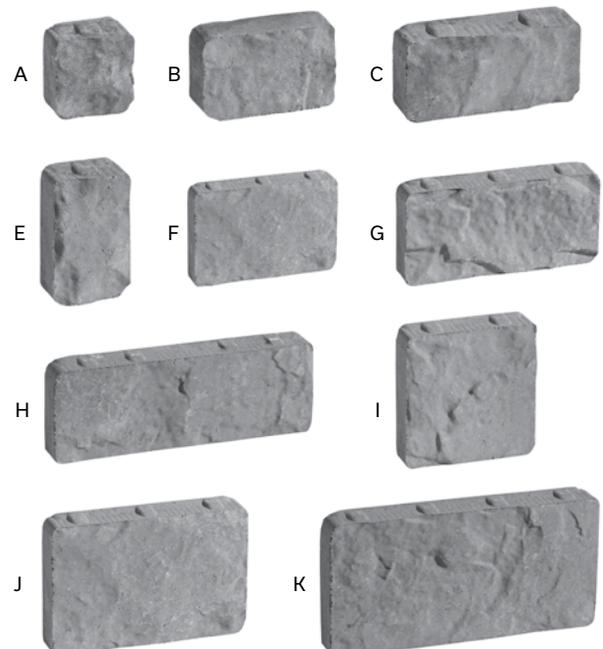
\* See CCMC accreditation for more technical information



Morency Stone   

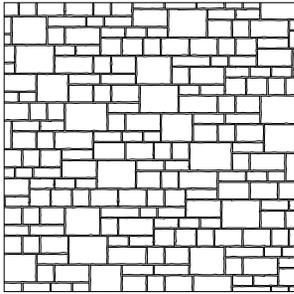
The main feature is its rough texture, giving it the true look of building stone that brings a touch of elegance to your home.

Colour	Code
Range Margaux Beige	34359005
Range Newport Grey	34350026
Weight per cube (kg)	1330
Rows per cube	15
Sq.ft. per row	10.67
Sq.ft. per cube	160.05
Suretouch System weight (stone, mortar, panel and hardware)	22 lb/ft <sup>2</sup> approximately



# Suretouch - Morency Stone

## Laying Pattern



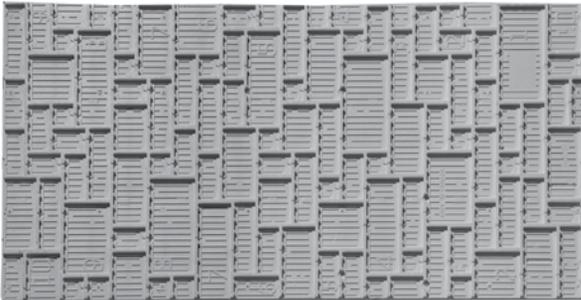
Linear

\* Follow the polystyrene laying pattern

## Typical Row

33	14	15	16	31	32
30	27		07	08	28
29	24	06	25	26	
21	05	22		13	23
19	04	03	11	12	20
17	01	02	09	10	18

## Components



Polystyrene panel  
50 x 1219 x 2438 mm - 2 x 48 x 76 in



Kit 90 - anchors, screws,  
weep



Starter Base  
83 x 83 x 3048 mm - 3 1/2 x 3 1/2 x 120 in

## Necessary installation material

Morency Stone				Product code
<b>Sq.ft. of stone/pallet</b>	1 cube = 15 rows	1 row = 10.66	Total : 160 ft <sup>2</sup>	
<b>Polystyrene panels</b>	1 pack (6 panels) = 1 cube of stone		1 panel = 32 ft <sup>2</sup>	34359013
<b>Kit 90 - anchors/screws</b>	1 box of anchors/screws 90 = 1 cube of stone			34359020
	1 bag 30 kg = 25 ft <sup>2</sup>			
<b>Mortar</b>	1-1-6 mortar mix recommended			

## Technical information

Product	Standard	Compressive Strength	Density	Dimension Tolerance
<b>Morency Stone</b>	CSA A165.94	25 MPa	A: Over 2000 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm

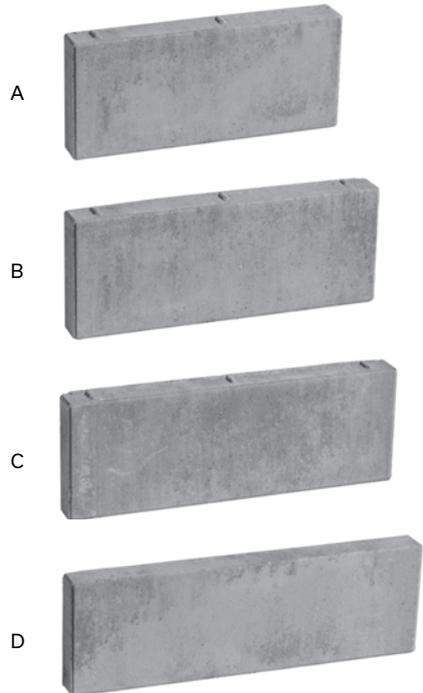
\* See CCMC accreditation for more technical information



Virtuo Stone   

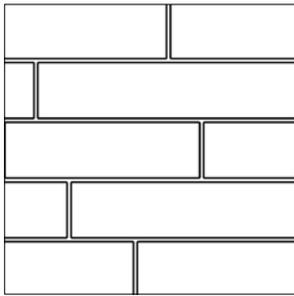
- Fine lines and smooth surfaces
- Available in various trendy and contemporary colours
- Fully finished corners

Colour	Code
Range Newport Grey	34356034
Range Scandina Grey	34356035
Weight per cube (kg)	1183
Rows per cube	12
Sq.ft. per row	9.32
Sq.ft. per cube	111.84
Lin. ft. per row	14
Lin. ft. per cube	168.05
Suretouch System weight (stone, mortar, panel and hardware)	22 lb/ft <sup>2</sup> approximately



# Suretouch - Virtuo Stone

## Laying Pattern



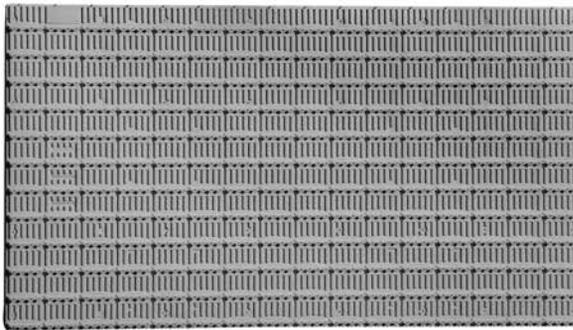
Linear

\* Follow the polystyrene laying pattern

## Typical Row



## Components



Polystyrene panel  
50 x 1219 x 2438 mm - 2 x 48 x 96 in



Kit 90 - anchors, screws,  
weep



Starter Base  
83 x 83 x 3048 mm - 3 1/2 x 3 1/2 x 120 in

## Necessary installation material

Virtuo Stone				Product code
Sq.ft. of stone/pallet	1 cube = 12 rows	1 row = 9.32	Total : 111.84 ft <sup>2</sup>	
Polystyrene panels	1 pack (6 panels) = 1 cube of stone		1 panel = 32.5 ft <sup>2</sup>	34350052
Kit 90 - anchors/screws	1 box of anchors/screws 90 = 1 cube of stone			34359020
	1 bag 30 kg = 45 ft <sup>2</sup>			
Mortar	1-1-6 mortar mix recommended			

## Technical information

Product	Standard	Compressive Strength	Density	Dimension Tolerance
Virtuo Stone	CSA A165.94	25 MPa	A: Over 2000 kg/m <sup>3</sup>	Thickness: ±2.0 mm Height: ±2.0 mm Length: ±3.0 mm

\* See CCMC accreditation for more technical information

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Masonry Seamless Texture Library

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## 50-Year Warranty | Residential Masonry

Permacon's 50-year warranty applies to landscape and masonry products including Suretouch intended for residential use<sup>1</sup>. This warranty statement affirms that products manufactured by Permacon meet the requirements of CSA (Canadian Standard Association) and ASTM (American Society for Testing and Materials) standards.

For details regarding commercial applications, please refer to our institutional, commercial and industrial warranty.

Permacon guarantees that, as of the date of delivery, its concrete products are free from manufacturing defects. Provided that the conditions set forth below are met, Permacon guarantees the structural integrity of the concrete in its landscaping and masonry products for a period of 50 years from the date of the product's purchase. The warranty applies to normal, non-abusive use of the product. To preserve the original appearance of your products, we recommend that you consult our Landscape Maintenance Guide available on our website.

**IN ALL CASES DETAILED BELOW, THE WARRANTY IS LIMITED TO THE PRODUCTS' MARKET VALUE.**



### How do I make a claim?

Proof of purchase is required to proceed with a claim request. No claims will be accepted without proof of purchase.<sup>2</sup>

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 eligible. Therefore, it is essential to provide Permacon with the necessary access to inspect and take photos of the affected products.

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-compliant 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 landscape 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 10<sup>th</sup> year of the warranty (i.e., the 120<sup>th</sup> 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 480/600 of the price paid for the products to the owner. No labour, transportation, or other compensation 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 50-year warranty period remaining as an assignee, if the purchaser transfers the warranty to a subsequent owner, as described above.

### Installation

When installing masonry products, all work must be cleaned to remove any residues 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 these residues.

### 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 displayed in our commercial presentations (catalogs, samples, displays). Any difference in colour will not be covered by the guarantee.**

<sup>1</sup> The following locations are defined as residential: family dwelling of five units or less, single family homes, garden suites, or townhouses.

<sup>2</sup> The following documents are considered valid proof of purchase: invoices directly from an authorized Permacon distributor, or invoice from a landscape contractor, general contractor, mason, or home builder.

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 (and their colour) delivered to the job site prior to installation to confirm satisfaction. It is also recommended to mix products from different pallets received on the job 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 Permacon's 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 product 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 Permacon's products. The possible appearance of efflorescence cannot be the subject of any guarantee. In most cases, efflorescence disappears by itself over time.

## Exclusions

A landscape or masonry product installed on an area of more than **100 square feet** confirms the acceptance of the product received on the job site and that no claim can be made to Permacon regarding the colour, size, or texture of the product.

This 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 CMHA 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.

## Warranty | Masonry for Institutional, Commercial and Industrial use

*Permacon's warranty applies to landscaping and masonry products including Suretouch intended for institutional, commercial and industrial use<sup>1</sup>. 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?

Proof of purchase will be required to proceed with a claim request. No claims will be accepted without proof of purchase.<sup>2</sup>

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.

### Installation

When installing masonry products, all work must be cleaned to remove any residues 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 these residues.

### 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.**

<sup>1</sup> 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

<sup>2</sup> 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

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**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.

## 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:

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- Damage caused by pressure washers;
- Improper installation or other construction activities that do not comply with the installation standards established by CMHA 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;
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- 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.



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