

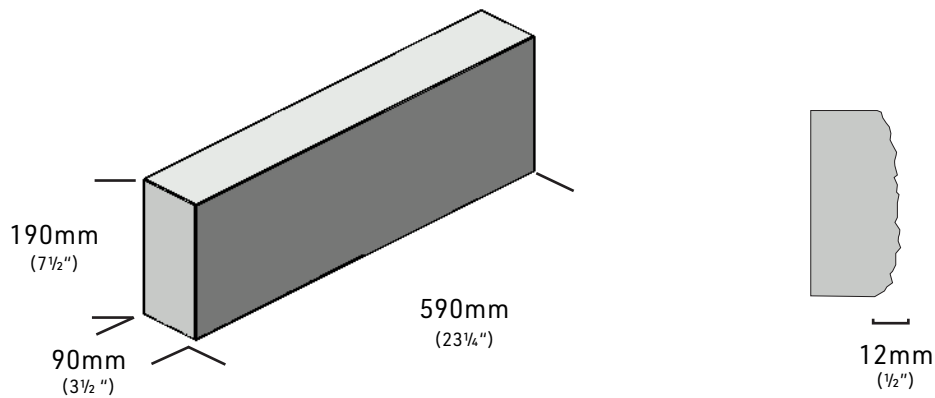


SHOULDICE
STONE

TECHNICAL DETAILS

90x190x590 Rock Stretcher

PRODUCT DRAWINGS



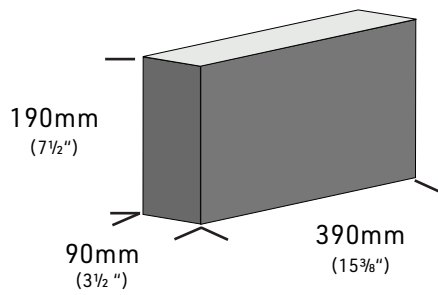
PRODUCT DETAILS

| | 90x190x590 Rock Stretcher | | 90x190x390 Rock Corner | |
|-------------------|------------------------------|----------|---------------------------|----------|
| | Metric | Imperial | Metric | Imperial |
| Selling UoM | | EA | | EA |
| Units/Skid | 57EA | 57EA | 90EA | 90EA |
| Weight/Each | 22.7kg | 50lbs | 9.9kg | 21.85lbs |
| Weight/Skid | 1,314kg | 2,883lbs | 912kg | 2,007lbs |
| # of Layers | 3 | 3 | 3 | 3 |
| Pieces/Layer | 19 | 19 | 30 | 30 |
| Coverage/Unit | 0.124m ² | 1.33sf | 0.083m ² | 0.89sf |
| Coverage/Skid | 7.04m ² | 75.81sf | 7.44m ² | 80.1sf |
| Linear Unit/Piece | 0.20m | 0.66lf | 0.20m | 0.66lf |
| Pallet Size | 101cmx119cm | 40"x47" | 101cmx119cm | 40"x47" |

CORNERS

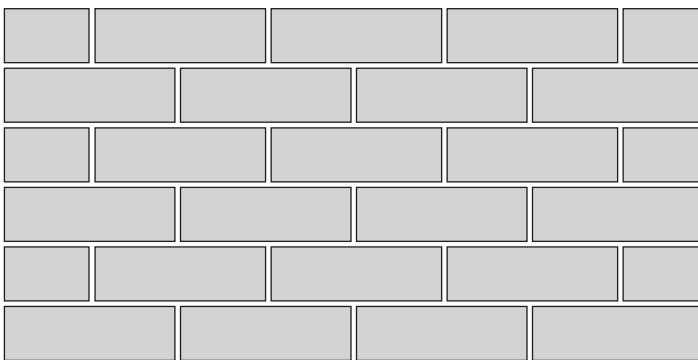
Corner units are sold seperately.

Finished End

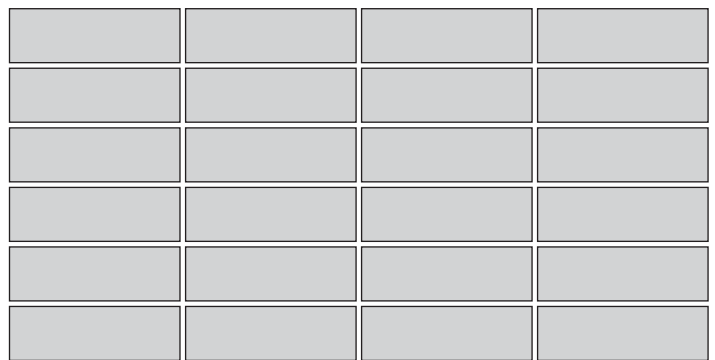


TYPICAL INSTALLATION PATTERN

Running Bond



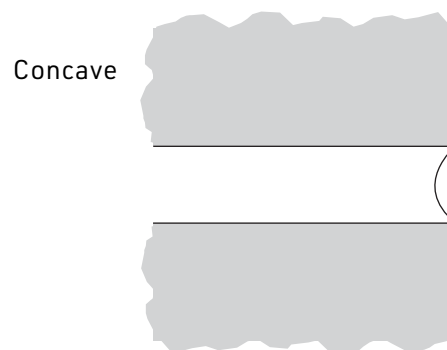
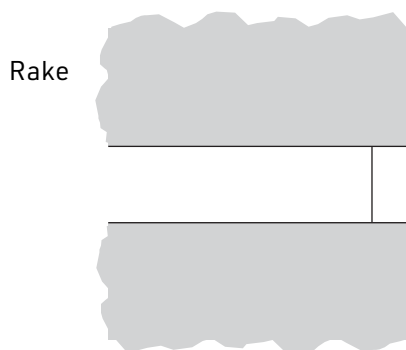
Stack Bond



Typical Installation Guidelines:

- Blend product from multiple packages for most natural look

TYPICAL MORTAR JOINT



Recomended Mortar Joint 10mm (3/8")

TYPICAL COURSING GUIDE

Tables Include one unit and one joint.

| Vertical Units | 10mm Joint | 3/8" Joint | Horizontal Units | 10mm Joint | 3/8" Joint |
|----------------|------------|------------|------------------|------------|------------|
| 1 | 200mm | 7 7/8" | 1 | 600mm | 23 5/8" |
| 2 | 400mm | 15 3/4" | 2 | 1,200mm | 47 1/4" |
| 3 | 600mm | 23 5/8" | 3 | 1,800mm | 70 3/4" |
| 4 | 800mm | 31 1/2" | 4 | 2,400mm | 94 3/8" |
| 5 | 1,000mm | 39 3/8" | 5 | 3,000mm | 118" |
| 6 | 1,200mm | 47 1/4" | 6 | 3,600mm | 141 5/8" |
| 7 | 1,400mm | 55 1/8" | 7 | 4,200mm | 165 1/4" |
| 8 | 1,600mm | 63" | 8 | 4,800mm | 188 7/8" |
| 9 | 1,800mm | 70 7/8" | 9 | 5,400mm | 212 3/8" |
| 10 | 2,000mm | 78 3/4" | 10 | 6,000mm | 236" |
| 20 | 4,000mm | 157 1/2" | 20 | 12,000mm | 472" |
| 30 | 6,000mm | 236 1/4" | 30 | 18,000mm | 708 1/8" |
| 40 | 8,000mm | 315" | 40 | 24,000mm | 944 1/8" |
| 50 | 10,000mm | 393 3/4" | 50 | 30,000mm | 1,180 1/8" |
| 100 | 20,000mm | 787 1/2" | 100 | 60,000mm | 2,360 3/8" |

CODES & STANDARDS

Shouldice Stone Products are supported by the following National Codes & Standards.
Refer to local building codes and standards to confirm best practice.

CANADIAN

[CSA A165 Standards on Concrete Masonry Units](#)

[CSA A371 Masonry Construction for Buildings](#)

[CSA A179 Mortar and Grout for Unit Masonry](#)

[CSA A370 Connectors for Masonry](#)

AMERICAN

[ASTM C55 Specification for Concrete Building Brick](#)

[ASTM C90 Specification for Loadbearing Concrete Masonry Units](#)

[ASTM C270 Specification for Mortar for Unit Masonry](#)

[ASTM C476 Specification for Grout for Masonry](#)

[ASTM C1634 Specification for Concrete Facing Brick and Other Concrete Masonry Facing Units](#)

[NCMA TEK 8-4A Cleaning Concrete Masonry](#)

[NCMA TEK 9-1A Mortars for Concrete Masonry](#)

[NCMA TEK 8-3A Control and Removal of Efflorescence](#)

[NCMA TEK 10-4 Crack Control for Concrete Brick and other Concrete Masonry Veneers](#)

[NCMA TEK 19-5A Flashing Details for Concrete Masonry Walls](#)

TYPICAL UNIT PROPERTIES

Products exceed the CSA and ASTM standards.

| | Standard | Compression Strength | Absorption | Density | Fire Rate (Hours) |
|------|----------|----------------------|-----------------------|------------------------|-------------------|
| CSA | A165.1 | >15mpa | <8% | >2000kg/m ² | 1.4 |
| ASTM | C1634 | >3000psi | <12lb/ft ³ | >125lb/ft ³ | |

HATCH PATTERNS & TEXTURE MAPS

To access Shouldice Stone Hatch Patterns and texture maps visit the corresponding [shouldice.ca product page](https://www.shouldice.ca/product) for current availability.

CONTACT US

For technical questions regarding our product line please contact our knowledgeable customer service team.
By phone: **800.265.3174** or email: **designer@shouldice.ca**