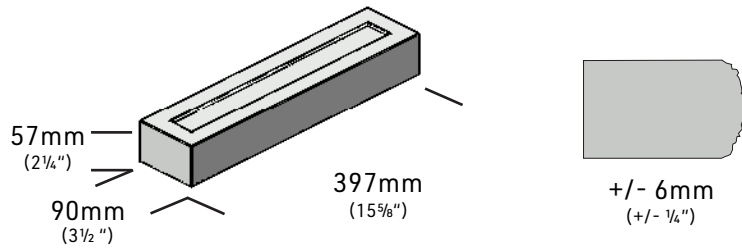




TECHNICAL DETAILS

90x57x397 Rock Stretcher

PRODUCT DRAWINGS



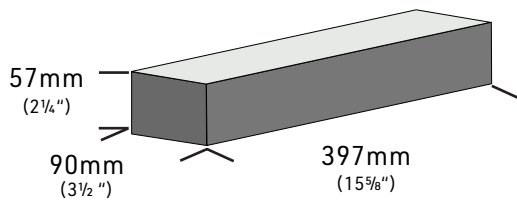
PRODUCT DETAILS

| | 90x57x397 Rock Stretcher | | 90x57x397 Rock Corner | |
|-------------------|-----------------------------|----------|--------------------------|----------|
| | Metric | Imperial | Metric | Imperial |
| Selling UoM | | EA | | EA |
| Units/Skid | 300EA | 300EA | 300EA | 300EA |
| Weight/Each | 3.9kg | 8.5lbs | 3.9kg | 8.5lbs |
| Weight/Skid | 1,177kg | 2,590lbs | 1,177kg | 2,590lbs |
| # of Layers | 10 | 10 | 10 | 10 |
| Pieces/Layer | 30 | 30 | 30 | 30 |
| Coverage/Unit | 0.027m ² | 0.29sf | 0.027m ² | 0.29sf |
| Coverage/Skid | 8.08m ² | 87sf | 8.08m ² | 87sf |
| Linear Unit/Piece | 0.07m | 0.22lf | 0.07m | 0.22lf |
| Pallet Size | 101cmx119cm | 40"x47" | 101cmx119cm | 40"x47" |

CORNERS

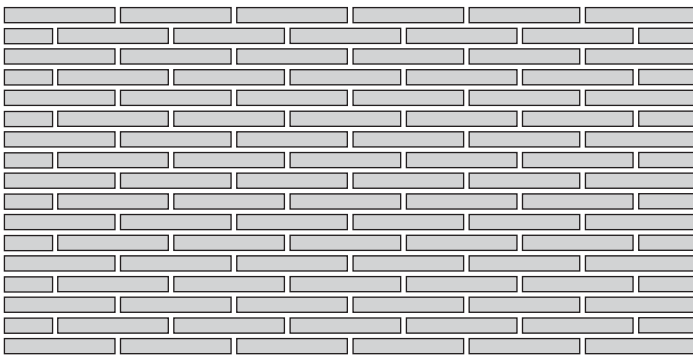
Corner units are sold separately.

Finished End

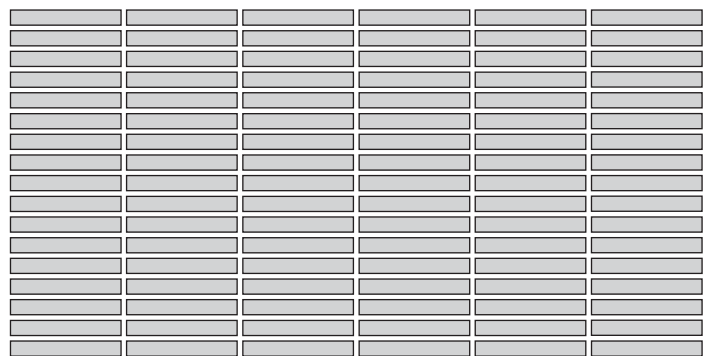


TYPICAL INSTALLATION PATTERN

Running Bond

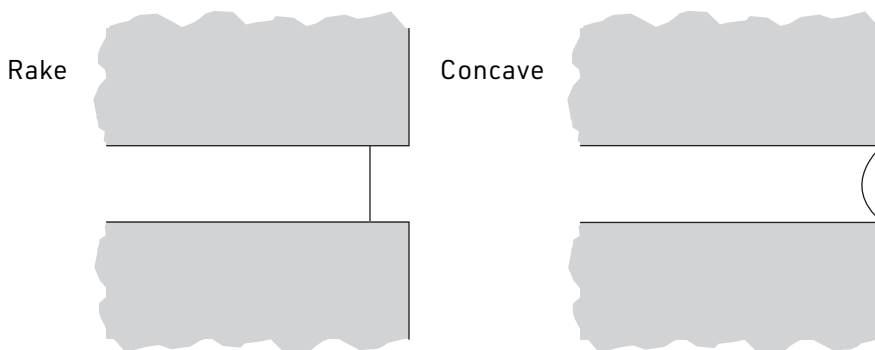


Stack Bond



Typical Installation Guidelines: • Blend product from multiple packages for most natural look

TYPICAL MORTAR JOINT



Recommended 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 | 67mm | 2 ⁵ / ₈ " | 1 | 407mm | 16" |
| 2 | 134mm | 5 ¹ / ₄ " | 2 | 814mm | 32" |
| 3 | 201mm | 7 ⁷ / ₈ " | 3 | 1,221mm | 48" |
| 4 | 268mm | 10 ¹ / ₂ " | 4 | 1,628mm | 64" |
| 5 | 335mm | 13 ¹ / ₈ " | 5 | 2,035mm | 80" |
| 6 | 402mm | 15 ³ / ₄ " | 6 | 2,442mm | 96" |
| 7 | 469mm | 18 ³ / ₈ " | 7 | 2,849mm | 112" |
| 8 | 536mm | 21" | 8 | 3,256mm | 128" |
| 9 | 603mm | 23 ⁵ / ₈ " | 9 | 3,663mm | 144" |
| 10 | 670mm | 26 ¹ / ₄ " | 10 | 4,070mm | 160" |
| 20 | 1,340mm | 52 ¹ / ₂ " | 20 | 8,140mm | 320" |
| 30 | 2,010mm | 78 ³ / ₄ " | 30 | 12,210mm | 480" |
| 40 | 2,680mm | 105" | 40 | 16,280mm | 639 ³ / ₄ " |
| 50 | 3,350mm | 131 ¹ / ₄ " | 50 | 20,350mm | 799 ³ / ₄ " |
| 100 | 6,700mm | 262 ¹ / ₂ " | 100 | 40,700mm | 1,599 ¹ / ₂ " |

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 | A165.2 | >25mpa | <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](https://www.shouldice.ca) [product page](#) 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**