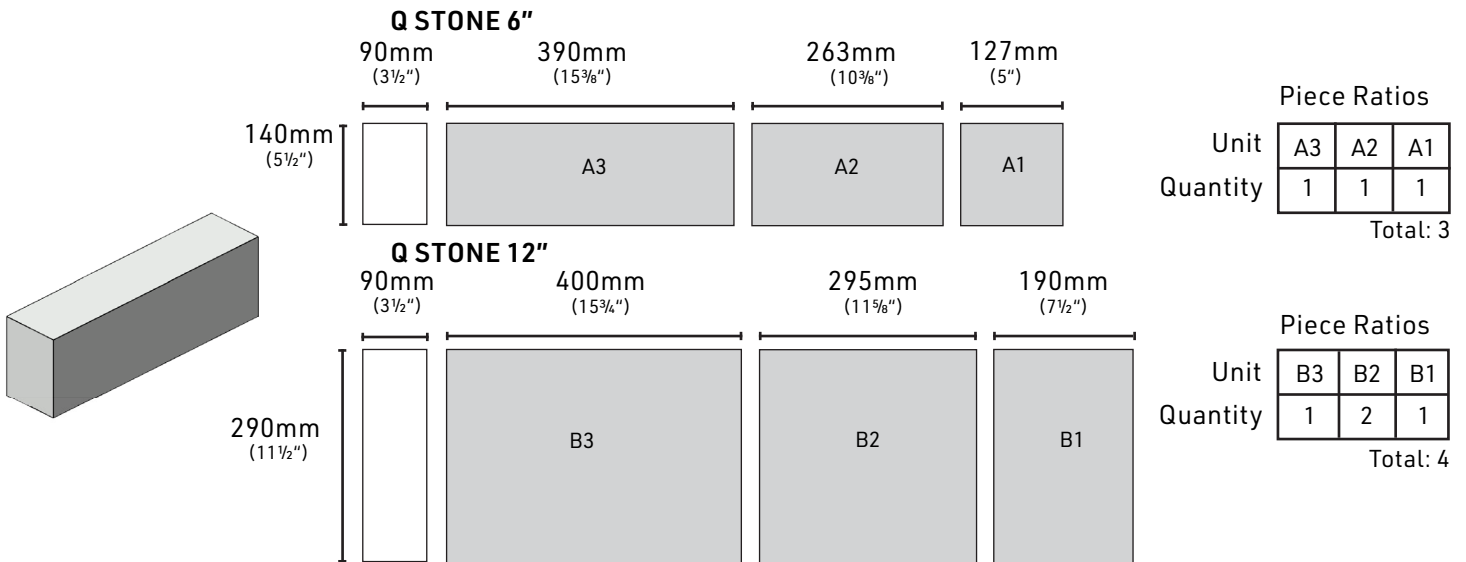




TECHNICAL DETAILS

Q Stone

PRODUCT DRAWINGS



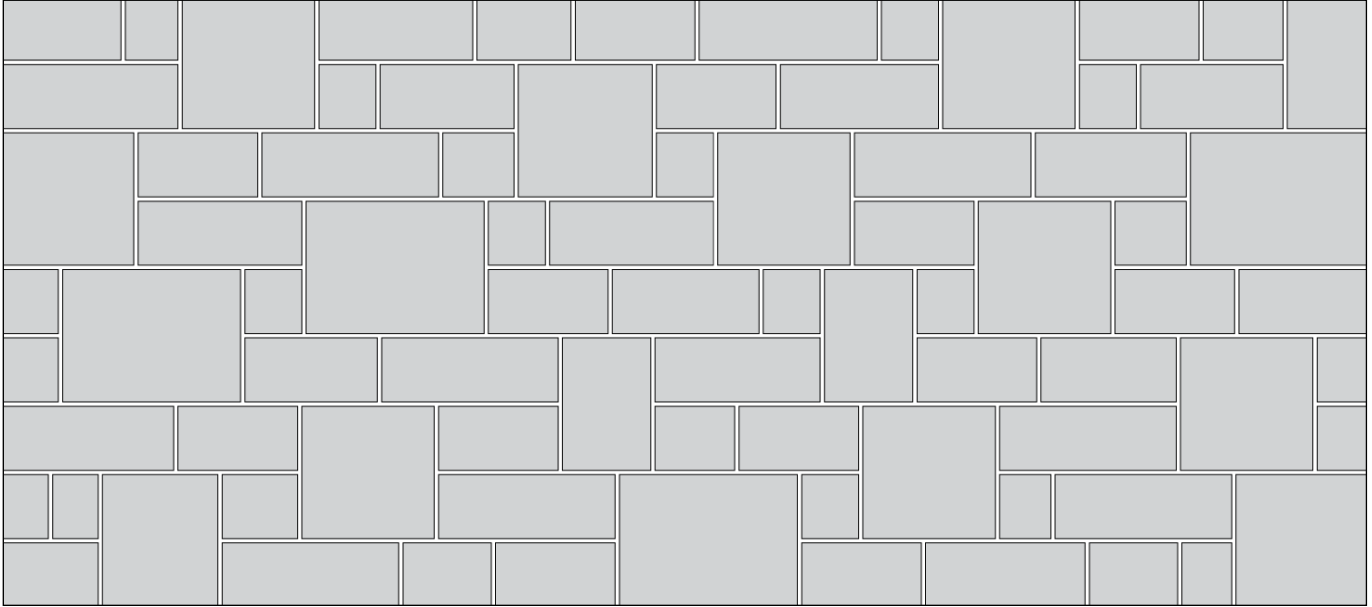
PRODUCT DETAILS

| | Q Stone 6" | | Q Stone 12" | |
|---------------|--------------------|----------|--------------------|----------|
| | Metric | Imperial | Metric | Imperial |
| Selling UoM | | SF | | SF |
| Coverage/Skid | 7.52m ² | 81sf | 5.9m ² | 64sf |
| Weight/UoM | 171.5kg | 35.06lbs | 196.5kg | 40.16lbs |
| Weight/Piece | N/A | N/A | N/A | N/A |
| Weight/Skid | 1,309kg | 2,880lbs | 1,186kg | 2,610lbs |
| Pieces/Skid | N/A | N/A | N/A | N/A |
| # of Layers | 4 | 4 | 2 | 2 |
| Pieces/Layer | N/A | N/A | N/A | N/A |
| UoM/Layer | 1.86m ² | 20.3sf | 2.97m ² | 32sf |
| Pieces/UoM | N/A | N/A | N/A | N/A |
| Pallet Size | 101cmx119cm | 40"x47" | 101cmx122cm | 40"x47" |

CORNERS

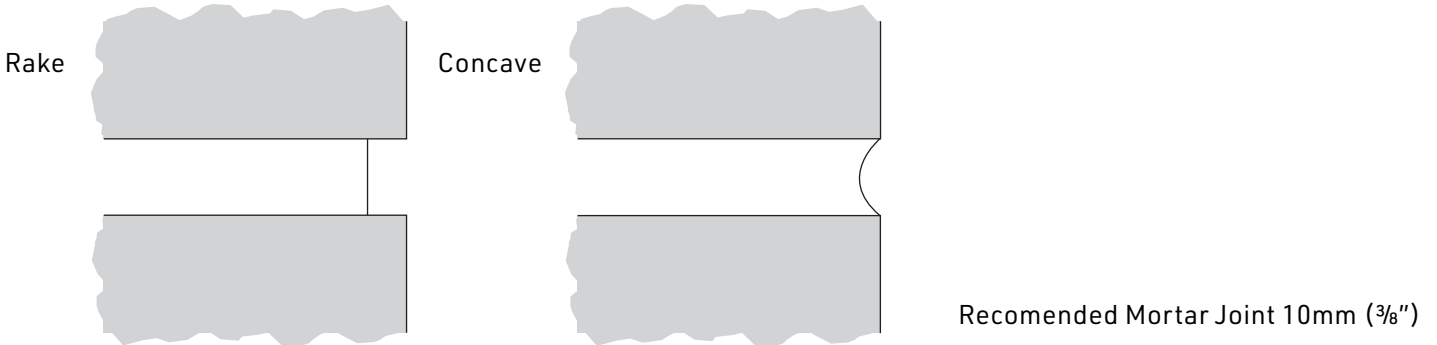
Corners are included
66% of the units are corners
Additional units can be split to length.

TYPICAL INSTALLATION PATTERN



- Typical Installation Guidelines:
- Blend product from multiple packages for most natural look
 - 6 foot Max Horizontal joint length
 - 12 inch Max Vertical joint height

TYPICAL MORTAR JOINT



TYPICAL COURSING GUIDE

Table includes one unit considered as 140mm plus 10mm joint

| Vertical Units | 10mm Joint | 3/8" Joint |
|----------------|------------|------------|
| 1 | 150mm | 5 7/8" |
| 2 | 300mm | 11 3/4" |
| 3 | 450mm | 17 5/8" |
| 4 | 600mm | 23 1/2" |
| 5 | 750mm | 29 3/8" |
| 6 | 900mm | 35 1/4" |
| 7 | 1,050mm | 41 1/8" |
| 8 | 1,200mm | 47" |
| 9 | 1,350mm | 52 7/8" |
| 10 | 1,500mm | 58 3/4" |
| 20 | 3,000mm | 117 1/2" |
| 30 | 4,500mm | 176 1/4" |
| 40 | 6,000mm | 235" |
| 50 | 7,500mm | 293 3/4" |
| 100 | 15,000mm | 587 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 | 1.1 |
| 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](#) 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: **solutions@shouldice.ca**