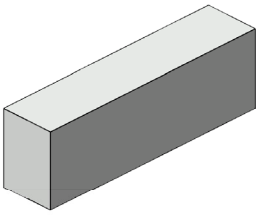
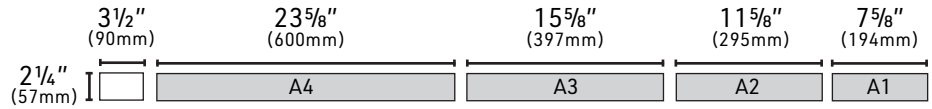
SHOULDICE STONE

TECHNICAL DETAILS
Smith Stone

PRODUCT DRAWINGS



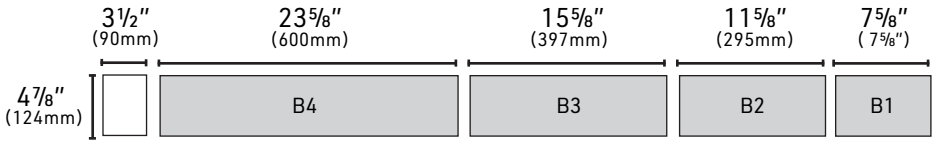
SMITH STONE 2"



Piece Ratios

Unit	A1	A2	A3	A4	
Quantity	1	2	1	2	Total: 6

SMITH STONE 4"



Piece Ratios

Unit	B1	B2	B3	B4	
Quantity	1	2	1	2	Total: 6

PRODUCT DETAILS

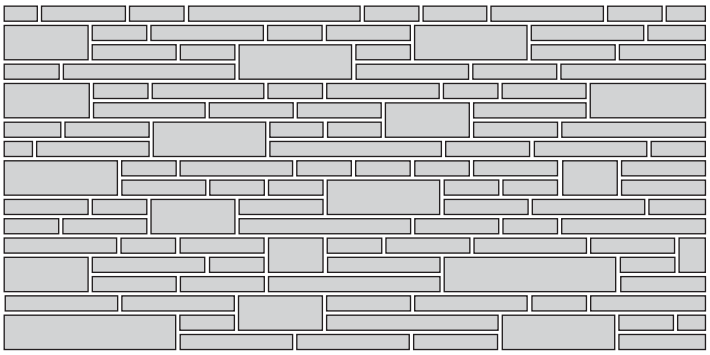
	Smith Stone 2"		Smith Stone 4"	
	Metric	Imperial	Metric	Imperial
Selling UoM		SF		SF
Units/Skid	8.1m²	94sf	8.1m²	94sf
Weight/UoM	151.3kg	31.00lbs	149.7kg	33.00lbs
Weight/Piece	N/A	N/A	N/A	N/A
Weight/Skid	1281kg	2938lbs	1341kg	3038lbs
Pieces/Skid	N/A	N/A	N/A	N/A
# of Layers	10	10	7	7
Pieces/Layer	N/A	N/A	N/A	N/A
UoM/Layer	0.873	9.4	1.25	13.4
Pieces/UoM	N/A	N/A	N/A	N/A
Pallet Size	101cmx119cm	40"x47"	101cmx119cm	40"x47"

CORNERS

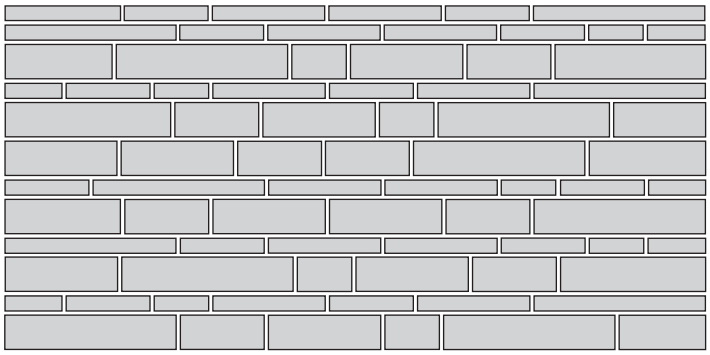
Corners are included
100% of the units are corners

TYPICAL INSTALLATION PATTERN

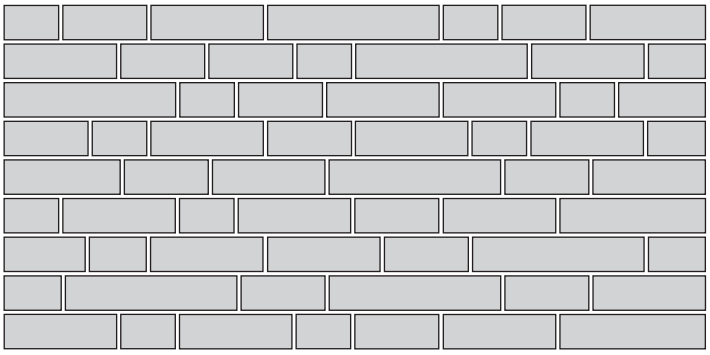
Random Ashlar



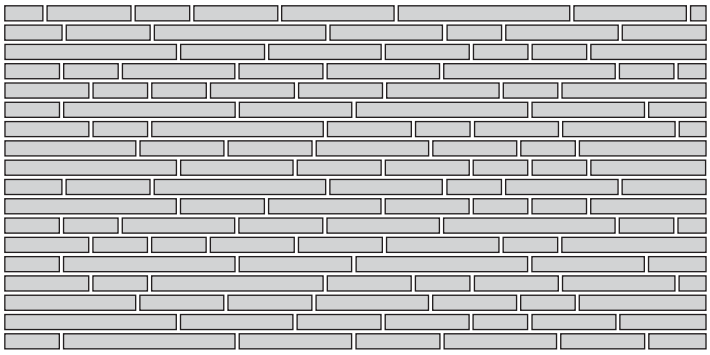
Alternating Coursing



Smith Stone 4″



Smith Stone 2″

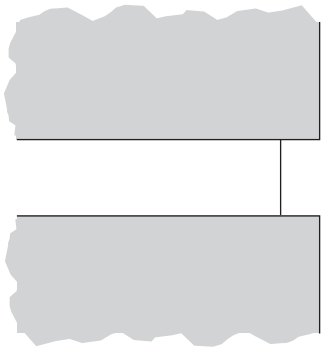


Typical Installation Guidelines:

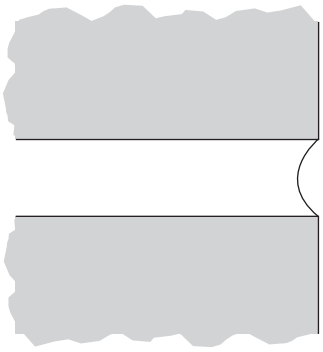
- Blend product from multiple packages for most natural look
- Minimum 4″ overlap between vertical head joints

TYPICAL MORTAR JOINT

Rake



Concave



Recomended Mortar Joint 10mm (⅜″)

TYPICAL COURSING GUIDE

Table includes one unit and one joint.

Vertical Units	10mm Joint	3/8" Joint
1	67mm	2 5/8"
2	134mm	5 1/4"
3	201mm	7 7/8"
4	268mm	10 1/2"
5	335mm	13 1/8"
6	402mm	15 3/4"
7	469mm	18 3/8"
8	536mm	21"
9	603mm	23 5/8"
10	670mm	26 1/4"
20	1,340mm	52 1/2"
30	2,010mm	78 3/4"
40	2,680mm	105"
50	3,350mm	131 1/4"
100	6,700mm	262 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	Compressive Strength	Absorption	Density	Fire Rate (Hours)
CSA	A165.2	>25mpa	<8%	>2000kg/m²	1.1
ASTM	C1634	>3000psi	<12lb/ft³	>125lb/ft³	

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: **designer@shouldice.ca**