SANDSTONE

THICKNESS 50MM

REGION ONTARIO

APPLICATIONS

Note: Not all sizes are suitable for every application. Contact Unilock Representative for assistance.

Pedestal or Overlay
RoofDeck, DeckOverlay

Residential & Commercial Pedestrian
Walkway, Patio, Terrace, PoolDeck, Entryway, Courtyard, RoofDeck, Plaza, Park, Sidewalk

Borders and Accents

COLORS

INDIAN COAST

COPING W/ DL

SAWN
1,200mm x 50mm x 355mm
47 1/4" x 2" x 14"

COPING W/ DL

ROCK FACE
1,800mm x 50mm x 355mm
70 7/8" x 2" x 14"

GREYFIELD

COPING W/ DL

ROCK FACE
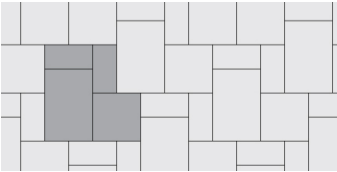1,800mm x 50mm x 355mm
70 7/8" x 2" x 14"
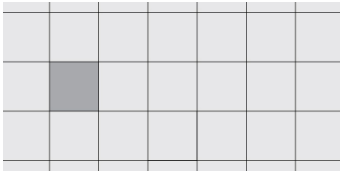
STONE CLIFF GREY

COPING W/ DL

ROCK FACE
1,200mm x 50mm x 355mm
47 1/4" x 2" x 14"

LAYING PATTERNS

LP NATURALSTONE MULTI UNIT G

LP NATURALSTONE 24X24 SB P

LP NATURALSTONE MULTI UNIT C

LP NATURALSTONE MULTI UNIT E

LP NATURALSTONE MULTI UNIT H

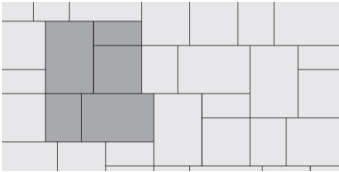LP NATURALSTONE MULTI UNIT F

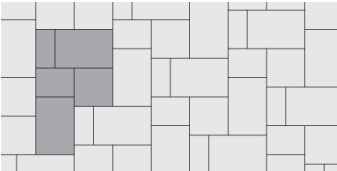LP NATURALSTONE 24X24 RB B

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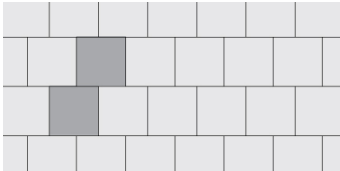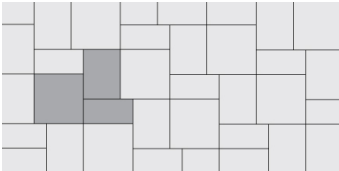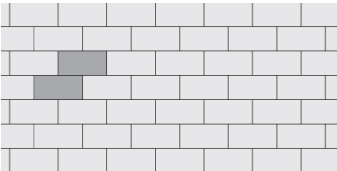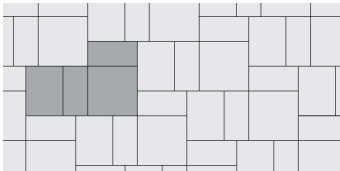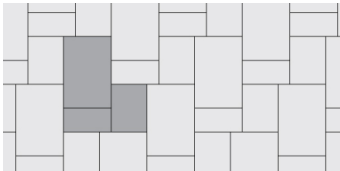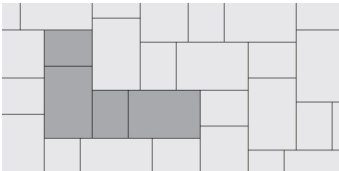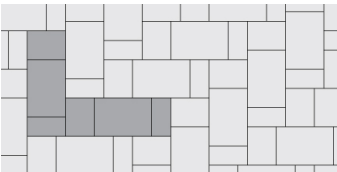
LP NATURALSTONE 12X24 RB A

LP NATURALSTONE MULTI UNIT N

LP NATURALSTONE MULTI UNIT K

LP NATURALSTONE MULTI UNIT I

LP NATURALSTONE MULTI UNIT J
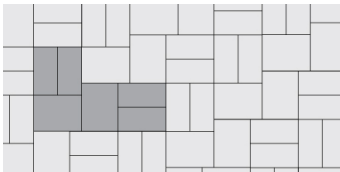
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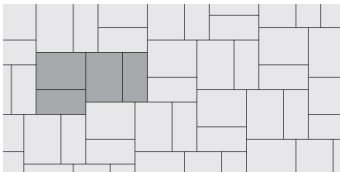
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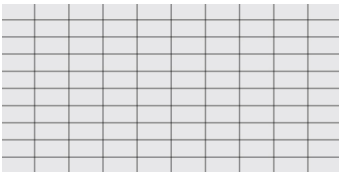
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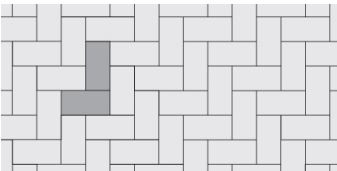
LP NATURALSTONE 12X24 HB O

TYPICAL CROSS SECTION

Note: Base, screed bed, infill aggregates and or reinforcements may vary based on project requirements or as specified by engineer.

TYPICAL NATURAL STONE (CONCRETE OVERLAY)

Fill 3/8" - 1/2" joints with impervious polymeric jointing sand or modified latex mortar or polyurethane sealant/caulk (suitable for exterior horizontal surfaces)

Modified Mortar Bedding - (Using 1/4" - 3/8" notched trowel)

Unilock Natural Stone 3/4" (22mm) thick

Bond/Slurry coat

Locate saw-cut control joints in accordance with ACI and PCA. Position saw cuts directly under joints between paving units.

Reinforced Concrete Slab

Note: when going over existing concrete, ensure that the surface of the slab is both cleaned and etched prior to adhering tiles

Unilock Natural Stone 3/4" (22mm) thick

Fill 3/8" - 1/2" joints with impervious polymeric jointing sand or modified latex mortar or polyurethane sealant/caulk (suitable for exterior horizontal surfaces)

Modified Mortar Bedding - (Using 1/4" - 3/8" notched trowel)

Saw-cut control joints (see below)

Bond/Slurry coat (brushed on)

Poured-in-place concrete slab

Sufficient base must be used to prevent frost from moving the concrete slab

DriveGrid or permeable geotextile

Topsoil

Compacted Granular Base (if site conditions warrant)

Undisturbed Native Subsoil

PACKAGING

	24"X24"	COPING W / DL SAWN	24"X36"	COPING W / DL ROCK FACE	COPING W / DL ROCK FACE	STEP 72"X16"	12"X24"
UNIT THICKNESS (MM)	22	50	22	50	50	150	22
SQ FT PER UNIT	4	4.67	6	7	4.67	2	-
UNITS PER CRATE	40	18	30	12	18	4	90
LIN FT PER UNIT - SOLDIER	6	-	-	-	-	-	-
LBS PER CRATE	1,910.40	2,182.55	2,149.20	2,169.32	2,182.55	2,579.38	2,149
LBS PER UNIT	47.76	121.25	71.64	180.78	121.25	644.85	23.88

PACKAGING

	STEP 48"X16"
UNIT THICKNESS (MM)	150
UNITS PER CRATE	6
LIN FT PER UNIT - SOLDIER	4
LBS PER CRATE	2,579.38
LBS PER UNIT	429.90

NATURAL STONE - SANDSTONE

Installation Manual – For complete installation information, download the manual here.

Over Concrete Installation – Sandstone must be installed on a stable base. The best way to achieve this is to mortar the units on to a poured concrete pad - preferably a new concrete pad, although existing concrete can be used. It is recommended that you have a minimum 4" of ¾" crusher run gravel under the pad for support and drainage, (use any road base gravel in accordance with ASTM-D2940) compacted to 98% Standard Proctor Density (SPD).

Special Notes: Concrete Direct Overlay –

1. Concrete integrity – concrete must be in good condition, and not crumbling
2. Drainage slope – concrete below must be sloped away from all buildings and structures
3. Base drainage - the area below the concrete must not be subject to frost movement
4. Jointing – Mortar joint recommended

Alternative Permeable Base – Sandstone may also be installed on a permeable base.

Min. 6" – 8" of ¾" clear open-graded stone compacted to achieve full particle lock-up and consolidation. (Clear open-graded does not compact but does consolidate slightly by rattling the particles together.)

Alternative Permeable Bedding Course – 1" thick of 1/8" clear open-graded chip stone – (ASTM No. 8 or 9) screeded over base.

Water Proofing

- When installing over a concrete pad, waterproofing the sandstone and the concrete pad is an important procedure to prevent discoloration of the sandstone. A bond/slurry coat should be brushed onto the concrete pad prior to applying the mortar bedding. Apply the same bond coat to the backs of each sandstone unit before placing.

- When installing over a permeable base, you only need to apply the slurry coat to the back of the sandstone.

Handling – Exercise caution when handling this product, as contact between its zero-bevel edges may cause damage.

Edge Restraint - Always install an edge restraint around the perimeter of any paver installation not restrained by building structures. "Spike in" edge restraints come in plastic and various metals and work well for most applications. A concrete curb or a "sub-surface concrete wedge" can also be installed to retain the edge.

Cleaners – Unilock has partnered with United Stonecare, a UK company with over 30 years experience in the field of specialized cleaner and sealer products for natural stone. View products here: https://www.unicare-products.com/.

Contact Unilock Representative for actual color samples and availability. Unilock reserves the right to change product information without notice.

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