SANDSTONE

UNILOCK
TECH SHEET

THICKNESS 150MM

REGION BOSTON

APPLICATIONS

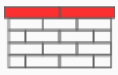
Note: Not all sizes are suitable for every application. Contact Unilock Representative for assistance.

Pedestal or Overlay

Residential & Commercial Pedestrian

Borders and Accents

Pillars



Coping

Step

Steps

COLORS

AUTUMN HARVEST

STEP 72"X16"
1,830mm x 150mm x 400mm
72" x 5 7/8" x 15 3/4"

STEP 48"X16"
1,200mm x 150mm x 400mm
47 1/4" x 5 7/8" x 15 3/4"

STONE CLIFF GREY

STEP 48"X16"
1,200mm x 150mm x 400mm
47 1/4" x 5 7/8" x 15 3/4"

STEP 72"X16"
1,830mm x 150mm x 400mm
72" x 5 7/8" x 15 3/4"

IVORY SAND

STEP 48"X16"
1,200mm x 150mm x 400mm
47 1/4" x 5 7/8" x 15 3/4"

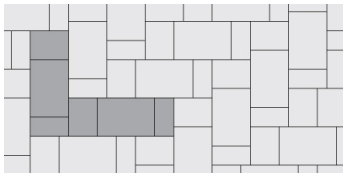
STEP 72"X16"
1,830mm x 150mm x 400mm
72" x 5 7/8" x 15 3/4"

GOLDEN SAND

STEP 48"X16"
1,200mm x 150mm x 400mm
47 1/4" x 5 7/8" x 15 3/4"

STEP 72"X16"
1,830mm x 150mm x 400mm
72" x 5 7/8" x 15 3/4"

LAYING PATTERNS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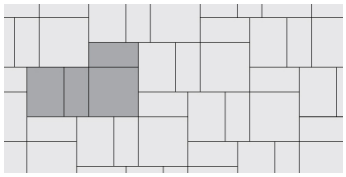
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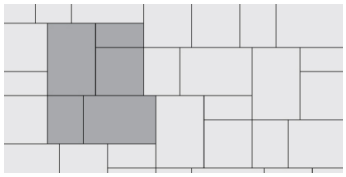
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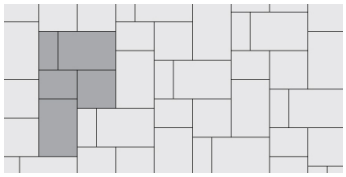
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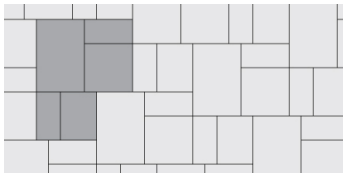
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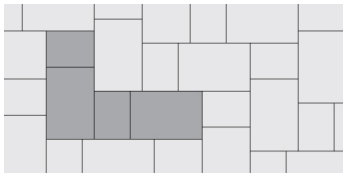
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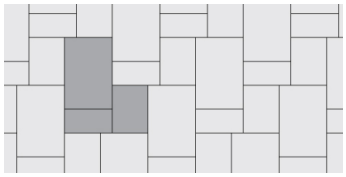
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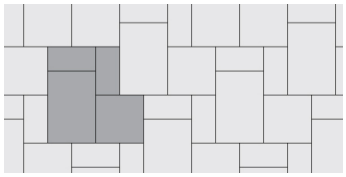
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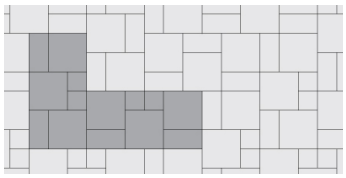
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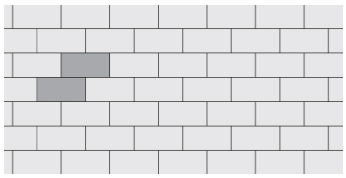
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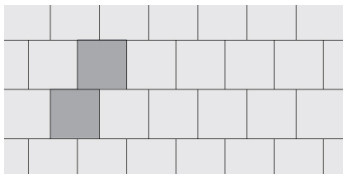
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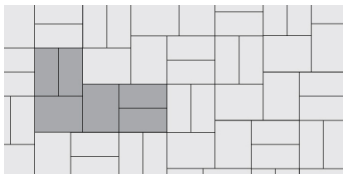
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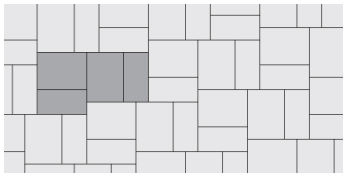
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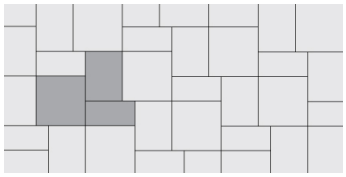
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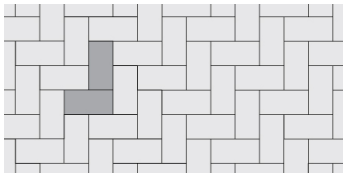
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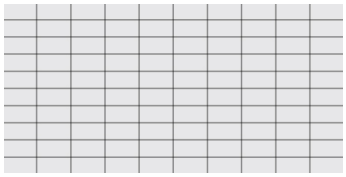
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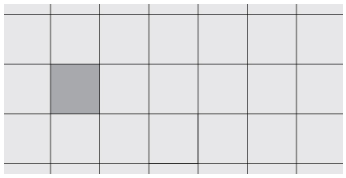
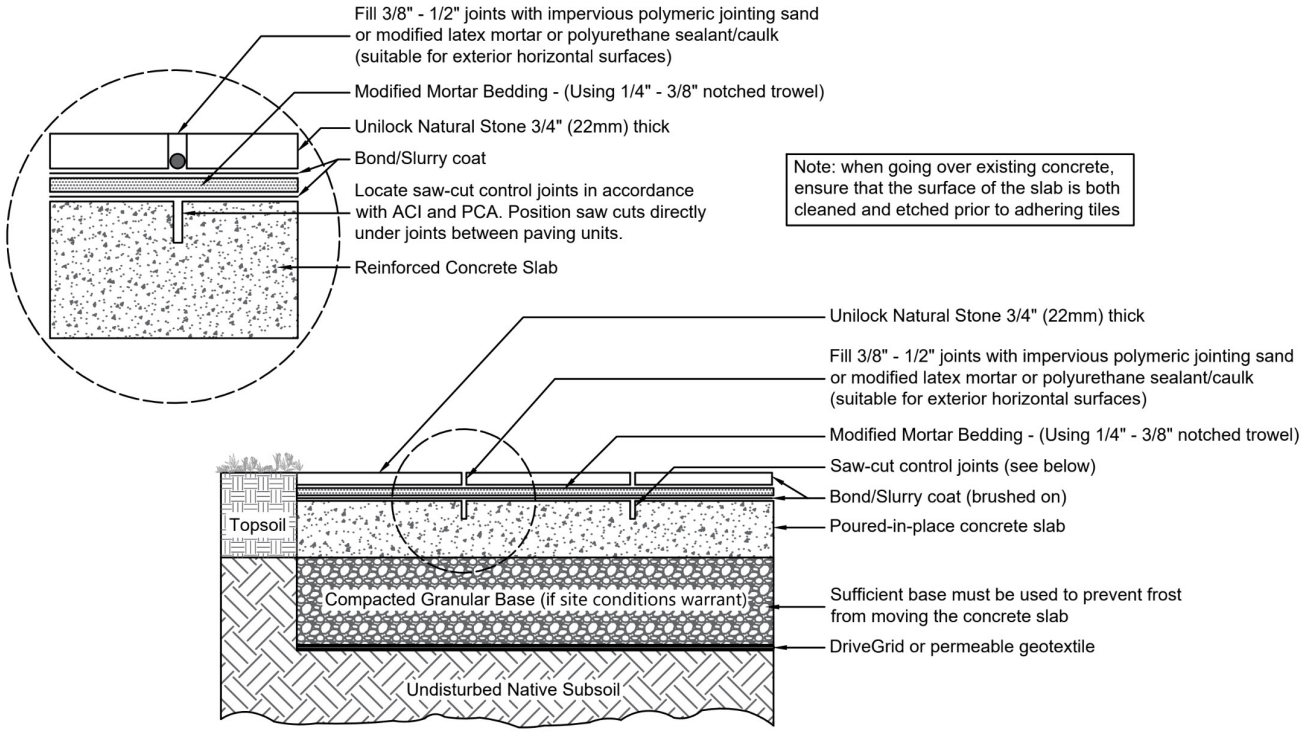

LP NATURALSTONE 24X24 SB P

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)



PACKAGING

	24"X36"	PILLAR CAP 24"	18"X24"	COPING W / DL ROCK FACE	COPING W / DL FULLNOSE	12"X24"	24"X24"
UNIT THICKNESS (MM)	22	65	22	50	50	22	22
SQ FT PER UNIT	6	3	2	4	-	-	-
UNITS PER CRATE	30	14	62	20	12	90	40
LBS PER CRATE	2,149.20	1,913.59	2,220.84	2,116.42	1,905	2,149.20	1,910.40
LBS PER UNIT	71.64	136.69	35.82	105.82	158.75	23.88	47.76

PACKAGING

	COPING W / DL ROCK FACE	COPING W / DL ROCK FACE	STEP 72"X16"	STEP 48"X16"	COPING ROCK FACED	PILLAR CAP 28½"	COPING W / DL ROCK FACE	COPING W / DL ROCK FACE	COPING W / DL FULLNOSE	COPING ROCK FACED	COPING ROCK FACED	COPING ROCK FACED	COPING ROCK FACED	P
UNIT THICKNESS (MM)	50	50	150	150	50	65	50	50	50	50	50	50	50	
UNITS PER CRATE	16	10	4	6	8	12	12	8	20	20	20	12	10	
LIN FT PER UNIT - SOLDIER	6	4	-	-	-	-	-	-	-	-	-	-	-	
LBS PER CRATE	2,258	2,094	2,513.24	2,526.47	1,816.56	2,513.28	1,905	1,816.56	3,174.62	2,116	2,258	1,905	2,094	
LBS PER UNIT	209.40	628.31	421.08	209.44	158.75	158.73	105.80	112.90	158.75	209.40	158.75	-	-	

INSTALLATION NOTES

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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