

# SANDSTONE

**UNILOCK**

TECH SHEET

**THICKNESS** 32MM

**REGION** NEW YORK



## APPLICATIONS

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



### Residential & Commercial Pedestrian

Walkway, Patio, Terrace, PoolDeck, Entryway, Courtyard, RoofDeck, Plaza, Park, Sidewalk

## COLORS

### GOLDEN SAND FINISH: NATURAL STONE



**12"X24"**  
290mm x 590mm x 32mm  
11 1/2" x 23 1/4" x 1 1/4"



**18"X24"**  
440mm x 590mm x 32mm  
17 3/8" x 23 1/4" x 1 1/4"



**24"X24"**  
590mm x 590mm x 32mm  
23 1/4" x 23 1/4" x 1 1/4"

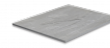


**24"X36"**  
590mm x 890mm x 32mm  
23 1/4" x 35" x 1 1/4"

### STONE CLIFF GREY FINISH: NATURAL STONE



**12"X24"**  
290mm x 590mm x 32mm  
11 1/2" x 23 1/4" x 1 1/4"



**18"X24"**  
440mm x 590mm x 32mm  
17 3/8" x 23 1/4" x 1 1/4"

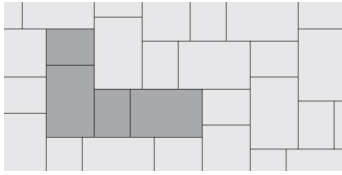


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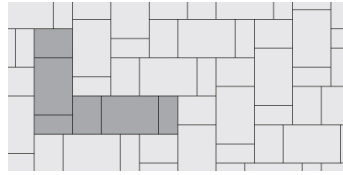


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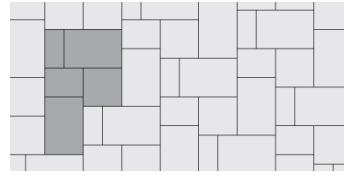
## LAYING PATTERNS



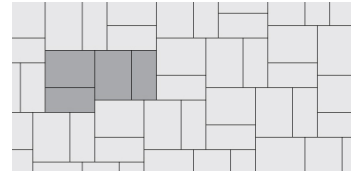
LP NATURALSTONE MULTI UNIT I



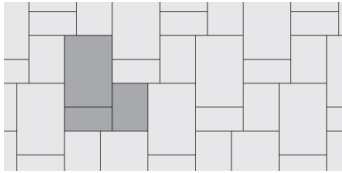
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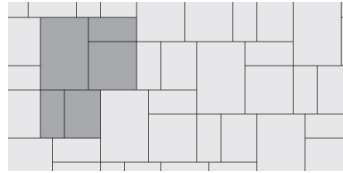
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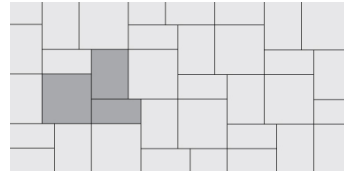
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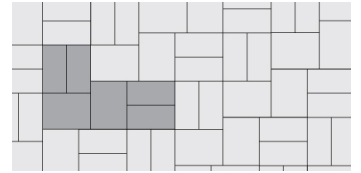
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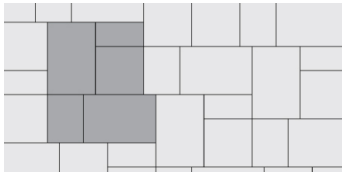
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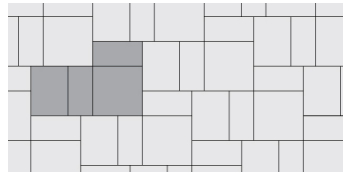
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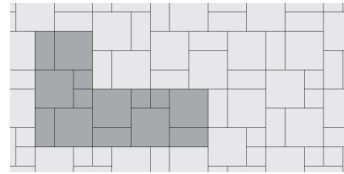
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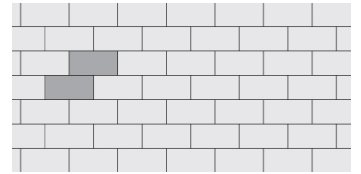
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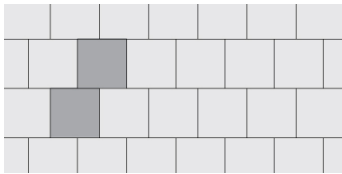
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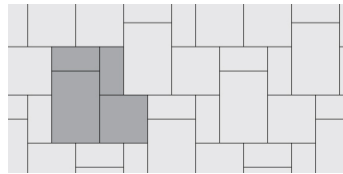
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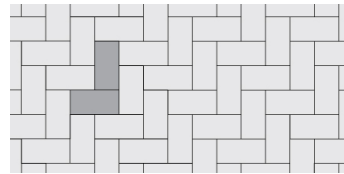
LP NATURALSTONE 12X24 RB A



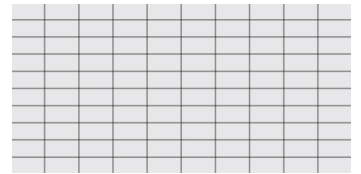
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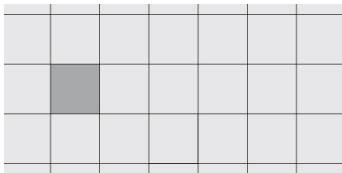
LP NATURALSTONE MULTI UNIT G



LP NATURALSTONE 12X24 HB O



LP NATURALSTONE 12X24 SB Q

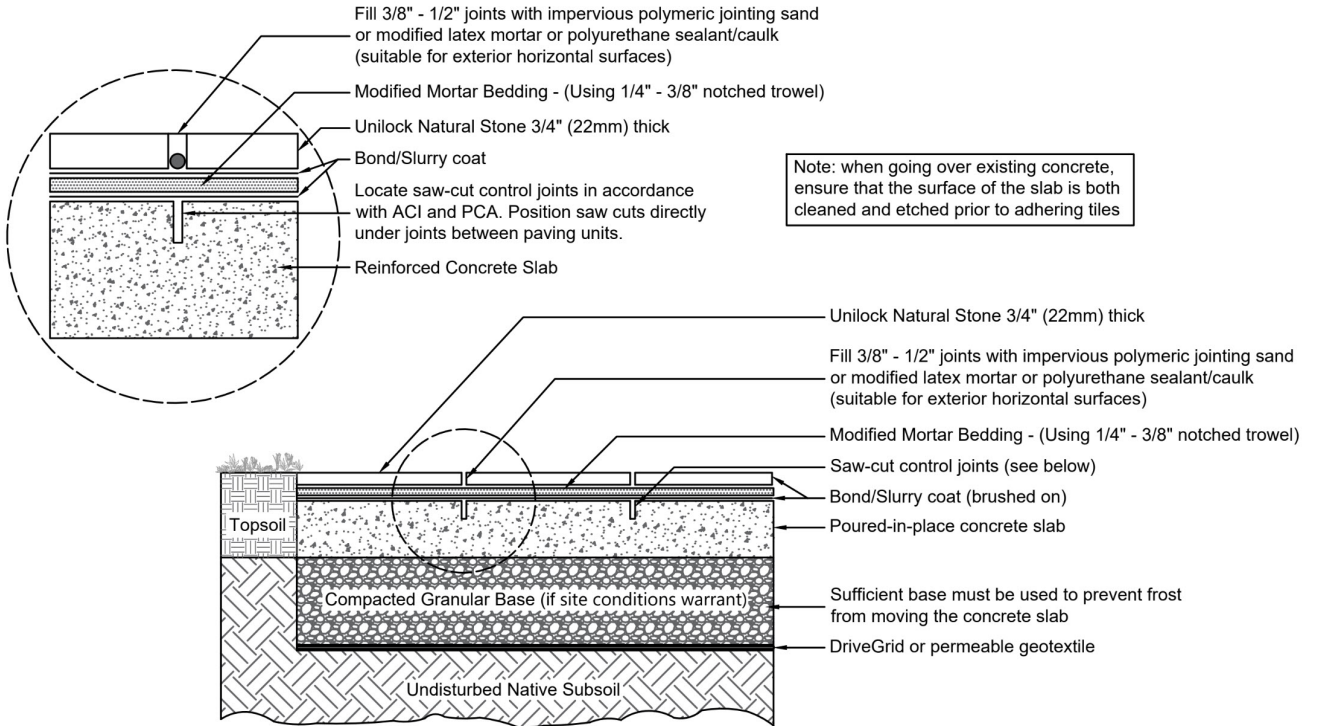


LP NATURALSTONE 24X24 SB P

**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

	(32) PROJECT PACK 3 RANDOM BUNDLE	18"X24"	COPING W / DL ROCK FACE	12"X24"	STEP 48"X16"	COPING W / DL ROCK FACE	COPING W / DL ROCK FACE
UNIT THICKNESS (MM)	32	22	50	22	150	50	50
SQ FT PER UNIT	3.75	3	2	-	-	-	-
UNITS PER CRATE	32	62	16	90	6	20	10
UNITS PER LAYER	32	-	-	-	-	-	-
LIN FT PER UNIT - SOLDIER	4	-	-	-	-	-	-
LBS PER CRATE	2,508	2,220.84	2,258	2,149.20	2,526.47	2,116.42	2,094
LBS PER UNIT	78.38	35.82	141.13	23.88	421.08	105.82	209.40

**PACKAGING**

	COPING W / DL FULLNOSE	PILLAR CAP 24"	24"X36"	COPING W / DL ROCK FACE	24"X24"	COPING W / DL ROCK FACE	COPING ROCK FACED	PILLAR CAP 28½"	STEP 72"X16"	COPING W / DL FULLNOSE	COPING ROCK FACED	COPING ROCK FACED	COPING ROCK FACED
UNIT THICKNESS (MM)	50	65	22	50	22	50	50	65	150	50	50	50	50
SQ FT PER UNIT	6	4	-	-	-	-	-	-	-	-	-	-	-
UNITS PER CRATE	12	14	30	12	40	8	8	12	4	20	20	20	12
LIN FT PER UNIT - SOLDIER	6	-	-	-	-	-	-	-	-	-	-	-	-
LBS PER CRATE	1,905	1,913.59	2,149.20	1,905	1,910.40	1,816.56	1,816.56	2,513.28	2,513.24	3,174.62	2,116	2,258	1,905
LBS PER UNIT	158.75	136.69	71.64	158.75	47.76	209.44	628.31	158.73	105.80	112.90	158.75	209.40	158.75

## INSTALLATION NOTES

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### 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/).

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

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