

# SANDSTONE

**UNILOCK**

TECH SHEET

THICKNESS 22MM

REGION CHICAGO



**UNILOCK** Exclusive Technologies

ENDURACOLOR



**APPLICATIONS**

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



**Patio & Walkway**

**COLORS**

**STONE CLIFF GREY  
FINISH: NATURAL STONE**



**24"X24"**  
600mm x 600mm x 22mm  
23 5/8" x 23 5/8" x 0 7/8"



**18"X24"**  
450mm x 600mm x 22mm  
17 3/4" x 23 5/8" x 0 7/8"



**12"X24"**  
300mm x 600mm x 22mm  
11 7/8" x 23 5/8" x 0 7/8"



**24"X36"**  
600mm x 900mm x 22mm  
23 5/8" x 35 1/2" x 0 7/8"

**GREYFIELD  
FINISH: NATURAL STONE**



**12"X24"**  
300mm x 600mm x 22mm  
11 7/8" x 23 5/8" x 0 7/8"



**18"X24"**  
450mm x 600mm x 22mm  
17 3/4" x 23 5/8" x 0 7/8"

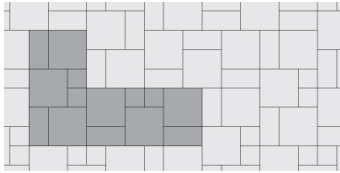


**24"X24"**  
600mm x 600mm x 22mm  
23 5/8" x 23 5/8" x 0 7/8"

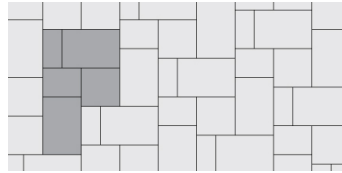


**24"X36"**  
600mm x 900mm x 22mm  
23 5/8" x 35 1/2" x 0 7/8"

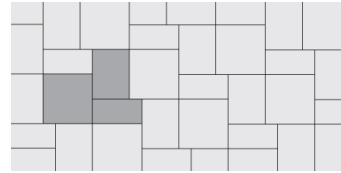
## LAYING PATTERNS



LP NATURALSTONE MULTI UNIT C



LP NATURALSTONE MULTI UNIT H



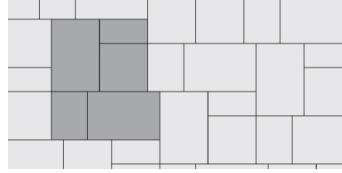
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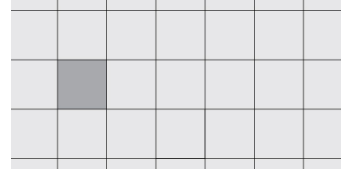
LP NATURALSTONE 24X24 RB B



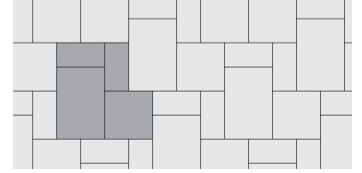
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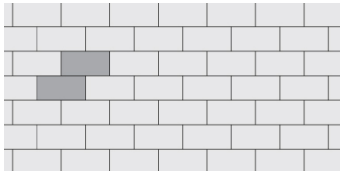
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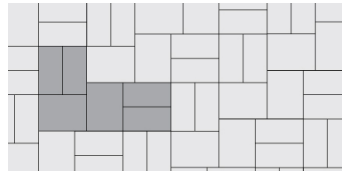
LP NATURALSTONE 24X24 SB P



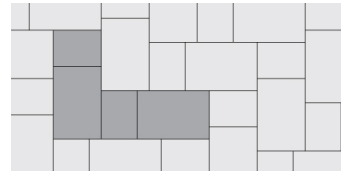
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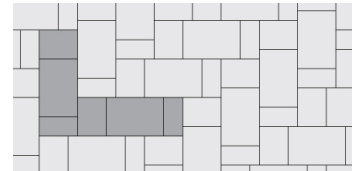
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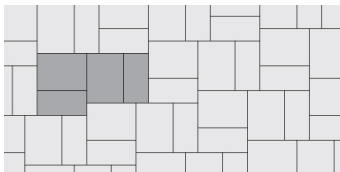
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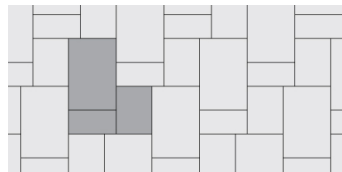
LP NATURALSTONE MULTI UNIT I



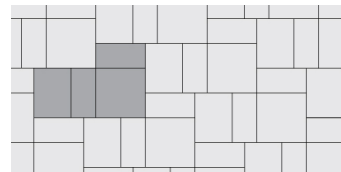
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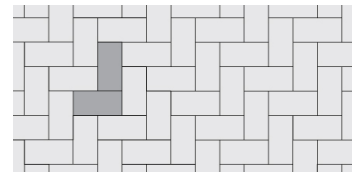
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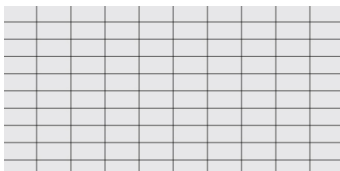
LP NATURALSTONE MULTI UNIT K



LP NATURALSTONE MULTI UNIT N



LP NATURALSTONE 12X24 HB O



LP NATURALSTONE 12X24 SB Q

**TYPICAL CROSS SECTION**

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



**PACKAGING**

	24"X24"	18"X24"	12"X24"	24"X36"	COPING ROCK FACED	COPING FULLNOSE	COPING ROCK FACED
<b>UNIT THICKNESS (MM)</b>	22	22	22	22	50	50	50
<b>LAYERS PER BUNDLE</b>	20	-	-	-	-	-	-
<b>SQ FT PER UNIT</b>	4	3	2	6	-	-	-
<b>UNITS PER CRATE</b>	40	62	90	30	20	20	20
<b>LBS PER CRATE</b>	1,910.40	2,220.84	2,149.20	2,149.20	2,122	2,116.44	2,557.34
<b>LBS PER UNIT</b>	47.76	35.82	23.88	71.64	106.10	105.82	127.87

**PACKAGING**

	<b>PILLAR CAP 28½"</b>
<b>UNIT THICKNESS (MM)</b>	65
<b>LAYERS PER BUNDLE</b>	12
<b>UNITS PER CRATE</b>	14
<b>LBS PER CRATE</b>	2,802
<b>LBS PER UNIT</b>	200.14

## 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  $\frac{3}{4}$ " 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  $\frac{3}{4}$ " 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  $\frac{1}{8}$ " 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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