

# COURTSTONE

Concrete Paver

**UNILOCK**



## Installation Guide

**VB**  
VAN BEEK'S  
LANDSCAPE SUPPLY

[www.vanbeeks.com](http://www.vanbeeks.com)

## APPLICATIONS

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

### Borders and Accents



### Light Duty Vehicular

Residential Driveway, Commercial Pedestrian



### Residential & Commercial Pedestrian

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



### Residential Driveway



## COLORS

### BASALT FINISH: ELEGANCE - REALA



#### XL RECTANGLE

130mm x 215mm x 60mm  
5" x 8 1/2" x 2 3/8"



#### LARGE RECTANGLE

130mm x 185mm x 60mm  
5" x 7 3/8" x 2 3/8"



#### RECTANGLE

130mm x 165mm x 60mm  
5" x 6 1/2" x 2 3/8"



#### SMALL RECTANGLE

130mm x 145mm x 60mm  
5" x 5 3/4" x 2 3/8"

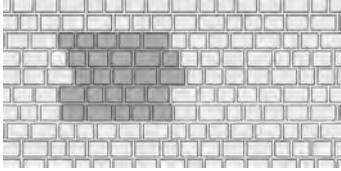


#### SQUARE

130mm x 130mm x 60mm  
5" x 5" x 2 3/8"

JOINT SPACING = 15MM

## LAYING PATTERNS



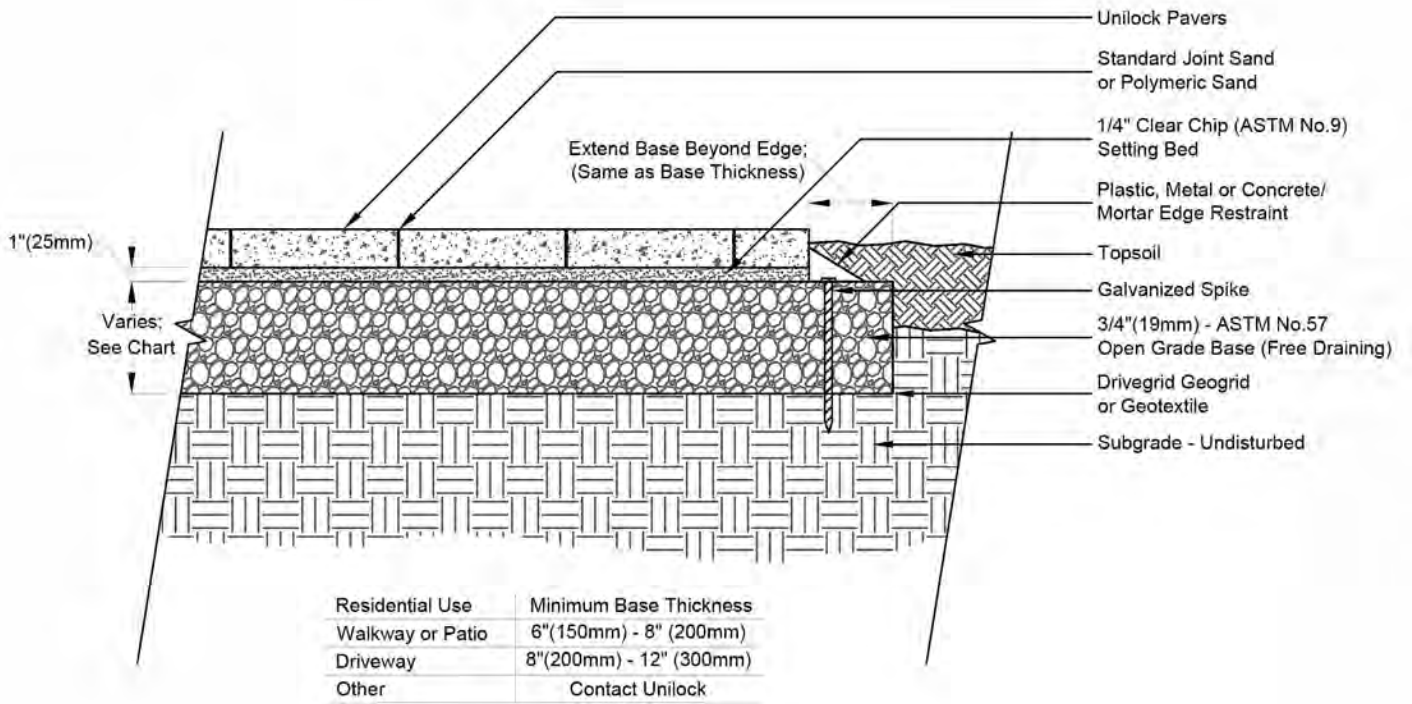
LP COURTSTONE FIXED RANDOM A

## PACKAGING

	(60) RANDOM RANDOM BUNDLE
UNIT THICKNESS (MM)	60
LAYERS PER BUNDLE	8
SQ FT PER BUNDLE	98.30
SQ FT PER LAYER	12.29
SQ FT PER UNIT	0.26
UNITS PER BUNDLE	384
UNITS PER LAYER	48
LIN FT PER BUNDLE - SAILOR	221.52
LIN FT PER LAYER - SAILOR	27.69
LBS PER BUNDLE	2,326
LBS PER LAYER	290.75
LBS PER UNIT	6.06

**TYPICAL CROSS SECTION**

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



## INSTALLATION NOTES

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### COURTSTONE®

Cobblestone style meets high technology. Made with Ultima™ Concrete Technology which is up to 4 times stronger than conventional poured concrete, Courtstone is the ultimate driveway and accent paver. Each cobble is uniquely formed to closely resemble authentic European cobblestones. Recommended Base Stabilization – one layer of DriveGrid™ stabilization grid between subgrade and base material. Recommended depth 8" to 10" below pavers for maximum stability and performance. Use under Standard Base or Permeable Base.

Standard Base – Min. 6" – 8" of ¾" Crusher Run gravel (any road base standard in accordance with ASTM-D2940) compacted to 98% Standard Proctor Density (SPD).

Standard Bedding Course – 1" thick of coarse sand– in accordance with ASTM-D2940 screeded over base.

Alternative 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 1/4" clear open-graded chip stone – (ASTM No. 8) screeded over base.

Special Note: Concrete Direct Overlay – In some areas of the country and in some applications pavers are very successfully placed directly over concrete. Concrete as a base is in itself quite strong, but it can affect the structural integrity of the paver particularly in vehicular applications, where the concrete below is sub-par. The following considerations must be taken into account to insure that the concrete below the surface is ideal:

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. Drainage holes – In lowest areas of the concrete, drill 1" holes in concrete (on 12" centers) and fill holes with ¼" chip (ASTM No. 8)
4. Base drainage - the area below the concrete must not be subject to frost movement
5. Surface - surface must be totally smooth and flat equivalent to the desired finished surface
6. Waterproofing - may be required when installing pavers over concrete where there is a basement or cold cellar below. Install an impervious rubber membrane over the surface prior to installing any pavers over the surface.
7. Jointing Sand - Use an impervious polymeric sand when installing over concrete

### Jointing Material and Joint Stabilization

All sands must meet ASTM C144 or C33 Specifications. For best appearance and optimal performance,, keep jointing materials approximately 3/8" below the surface of the paver.

Best Option: Any polymeric sand that can span a joint up to 1" without breaking down. Always follow manufacturer's application specifications and requirements.

Handling – This product has no special handling requirements.

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 metal and work well for most applications. A concrete curb or a sub-surface concrete wedge can also be installed to retain the edge.

Paver Compaction - Always use a protective polymer pad on the bottom of your compactor when doing the final compaction of the pavers. An alternative is to use a rubber-roller compactor for the final compaction.

Cleaners – Any cleaner specifically designed for pavers may be used for color restoration or general cleaning. Follow manufacturer's dilution rates and application procedures. Always test a small area to make sure the results are as expected.

### Sealers

- Product may be sealed for aesthetic or cleanliness reasons but it is not required
- Use any sealer approved for concrete pavers
- Select type for desired aesthetics
- Product must be cleaned before sealing
- Always read and follow manufacturer's application procedures
- Always test a small area to make sure the results are as expected