

# COURTSTONE®

**UNILOCK®**

TECH SHEET

THICKNESS 60MM

REGION CHICAGO







## UNILOCK® Exclusive Technologies

- ELEGANCE
- ULTIMA™
- REALA™



## APPLICATIONS

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

|   |  |
|---|--|
|  <p><b>Borders and Accents</b></p>   |  <p><b>Light Duty Vehicular</b><br/>Residential Driveway, Commercial Pedestrian</p> |
|  <p><b>Residential &amp; Commercial Pedestrian</b><br/>Walkway, Patio, Terrace, PoolDeck, Entryway, Courtyard, RoofDeck, Plaza, Park, Sidewalk</p> |  <p><b>Residential Driveway</b></p>   |

## 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"



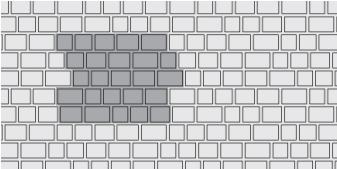
**SMALL RECTANGLE**  
130mm x 145mm x 60mm  
5" x 5 3/4" x 2 3/8"



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

**JOINT SPACING = 15MM**

**LAYING PATTERNS**



LP COURTSTONE FIXED RANDOM A

**TYPICAL CROSS SECTION**

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



|                            | (60) RANDOM<br>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                         |

## 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

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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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