

REVELA™

THICKNESS 70MM
REGION BOSTON

UNILOCK®
TECH SHEET



EDGE
ROUNDED BEVEL EDGE


UNILOCK® Exclusive Technologies

ENDURACOLOR




APPLICATIONS

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




Light Duty Vehicular



Residential & Commercial Pedestrian

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



Residential Driveway

COLORS

DARK CHARCOAL
FINISH: REVELA



4"X8"
100mm x 200mm x 70mm
3 7/8" x 7 7/8" x 2 3/4"

TUSCANY
FINISH: REVELA



4"X8"
100mm x 200mm x 70mm
3 7/8" x 7 7/8" x 2 3/4"



8"X24"
200mm x 600mm x 70mm
7 7/8" x 23 5/8" x 2 3/4"

JOINT SPACING = 4MM

TYPICAL CROSS SECTION

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



PACKAGING

	4"X8"	8"X24"	18"X24"
UNIT THICKNESS (MM)	70	70	60
LAYERS PER BUNDLE	8	8	8
SQ FT PER BUNDLE	94.40	82.67	93
SQ FT PER LAYER	11.80	10.33	11.63
SQ FT PER UNIT	0.22	1.29	2.91
UNITS PER BUNDLE	432	64	32
UNITS PER LAYER	54	8	4
LIN FT PER BUNDLE - SOLDIER	141.73	41.99	47.25
LIN FT PER LAYER - SOLDIER	17.72	5.25	5.91
LIN FT PER UNIT - SOLDIER	0.33	0.66	1.48
LIN FT PER BUNDLE - SAILOR	283.46	83.99	62.99
LIN FT PER LAYER - SAILOR	35.43	10.50	7.87
LBS PER BUNDLE	2,668.62	2,647	2,552.41
LBS PER LAYER	333.58	330.88	319.05
LBS PER UNIT	6.18	41.36	79.76

INSTALLATION NOTES

REVELA™ PAVER

Application – Light duty pedestrian walkways, patios and pool decks.

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 ¾" clear open-graded chip stone – (ASTM No. 8) screeded over base.

Concrete Direct Overlay – In some areas of the country and for some applications pavers are very successfully placed directly over concrete. Revela is a large format paver and must not be used in vehicular applications. It should never be installed over concrete that is unstable or of sub-par quality. 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 structure
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 ½" below the chamfer (bevel edge) of the paver.

Good Option: Ordinary sharp jointing sand in accordance with ASTM C144 or C33. (Common name: Concrete Sand)

Best Option: Any polymeric sand or ordinary concrete sand stabilized by a water-based or solvent-based joint sand stabilizer sealer. Always follow manufacturer's application specifications and requirements.

Handling – Due to the size and weight of Revela, a mechanical lifting tool or machine should be used to handle and place units. Do not knock units together while transporting or installing which could result in chipped edges or corners.

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.

NOTE: Do not compact pavers that have been installed in direct concrete overlay applications.

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

The Americans with Disabilities Act Accessibility Guidelines (ADAAG) provides measurable criteria to determine compliance, not individual product evaluation. Gaps, joints or openings, greater than ½" horizontal and ¼" vertical should be avoided as they can disrupt wheelchair maneuvering (United States Access Board – Guidelines and Standards).

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

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