

# BEACON HILL™ SMOOTH

THICKNESS 80MM  
REGION CHICAGO



EDGE  
ROUNDED BEVEL EDGE

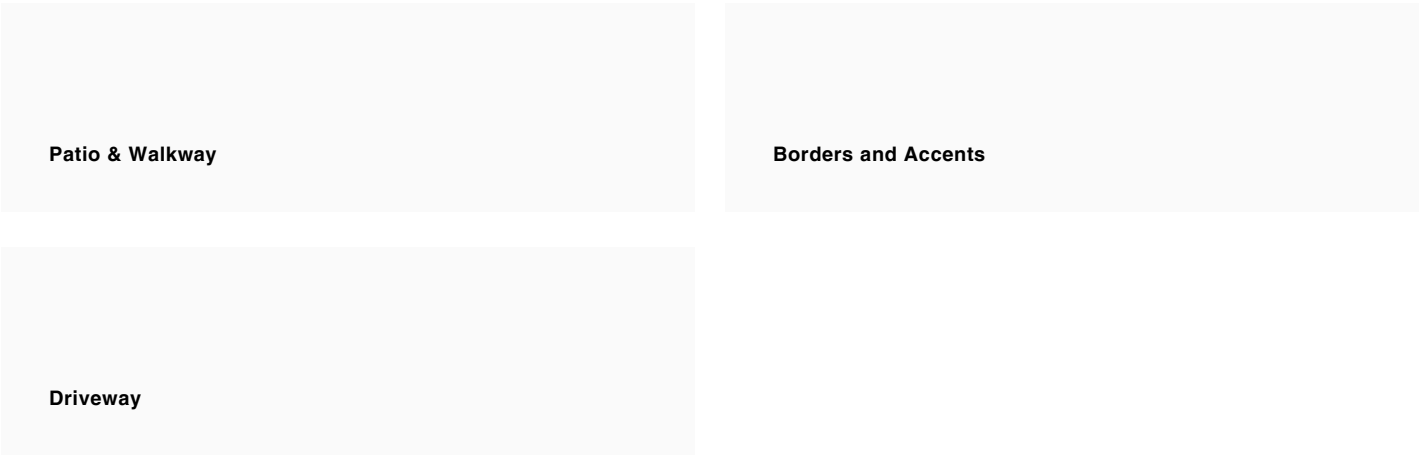
**UNILOCK** Exclusive Technologies

ENDURACOLOR



APPLICATIONS

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



COLORS

BAVARIAN  
FINISH: SMOOTH PREMIER

**LARGE RECTANGLE**  
380mm x 570mm x 80mm  
15" x 22 1/2" x 3 1/8"

**SMALL RECTANGLE**  
190mm x 380mm x 80mm  
7 1/2" x 15" x 3 1/8"

**SQUARE**  
380mm x 380mm x 80mm  
15" x 15" x 3 1/8"

GRANITE FUSION  
FINISH: SMOOTH PREMIER

**LARGE RECTANGLE**  
380mm x 570mm x 80mm  
15" x 22 1/2" x 3 1/8"

**SMALL RECTANGLE**  
190mm x 380mm x 80mm  
7 1/2" x 15" x 3 1/8"

**SQUARE**  
380mm x 380mm x 80mm  
15" x 15" x 3 1/8"

JOINT SPACING = 4MM

LAYING PATTERNS

LP BEACONHILL MULTI UNIT RANDOM C	LP BEACONHILL MULTI UNIT RANDOM E	LP BEACONHILL FIXED RANDOM B	LP BEACONHILL FIXED RANDOM A
LP BEACONHILL MULTI UNIT RANDOM G	LP BEACONHILL 21X35 RB H	LP BEACONHILL 21X35 SB I	LP BEACONHILL 7.5X15 SB J
LP BEACONHILL 7.5X15 RB K			

**TYPICAL CROSS SECTION**

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

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PACKAGING

	(60) RANDOM RANDOM BUNDLE	(80) RANDOM RANDOM BUNDLE	XL	SMALL RECTANGLE
UNIT THICKNESS (MM)	60	80	60	60
LAYERS PER BUNDLE	10	7	10	10
SQ FT PER BUNDLE	116.57	81.60	116.57	116.57
SQ FT PER LAYER	11.66	11.66	11.66	11.66
SQ FT PER UNIT	1.46	1.46	5.83	0.78
UNITS PER BUNDLE	80	56	20	150
UNITS PER LAYER	8	8	2	15
LIN FT PER BUNDLE - SOLDIER	37.40	93.50	-	-
LIN FT PER LAYER - SOLDIER	3.74	9.35	-	-
LIN FT PER UNIT - SOLDIER	1.87	0.62	-	-
LIN FT PER BUNDLE - SAILOR	93.50	65.45	62.30	187.01
LIN FT PER LAYER - SAILOR	9.35	9.35	6.23	18.70
LBS PER BUNDLE	3,216	2,982	3,249	3,309.67
LBS PER LAYER	321.60	426	324.90	330.97
LBS PER UNIT	40.20	53.25	162.45	22.06

## INSTALLATION NOTES

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The large unit sizes and the pleasant colors of Beacon Hill make it a fabulous patio or pool deck paver. The subtle flagstone impression provides for a striking visual day or night.

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 1/8" 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 – This product has no special handling requirements, but a vacuum placer tool may be used to more easily install XL units.

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

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).

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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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**Bowman**  
Construction  
Supply Inc.



**Quick**  
Supply Co.



**Cascade**  
GEOSYNTHETICS

## LOCATIONS & CONTACT INFO

### ASP ENTERPRISES

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**Loveland, CO** 970.535.0863

**Des Moines, IA**  
515.289.1271

**Portland, OR**  
971.339.1020

## SOLUTIONS WE SUPPLY

### GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

### SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

### EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

### STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

### SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT**  
**SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**