



**HARDSCAPES USA**

# Percstone

A PAVER PRODUCT OF HARDSCAPES USA™



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The unique lattice work design of the Percstone environmental unit allows for sand, pea gravel or turf fillers, each of which creates its own distinctive look. These pavers work well in driveways, parking courts and other areas where drainage is a problem.



Percstone is an erosion control unit that provides visual definition for the paved space. For tough spots that really require solid pavement but are unable to support it, Percstone is the answer.



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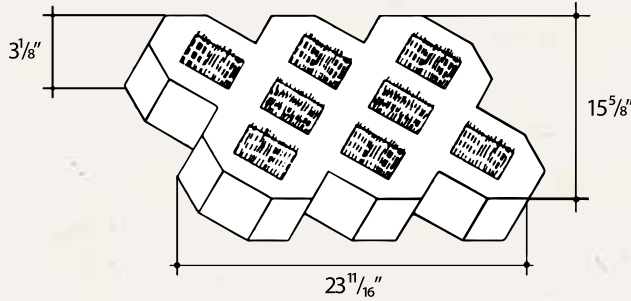
*Outdoor Living Defined & Refined*

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## Percstone

Percstone.....	80mm
Sq. ft. per cube.....	104
Pieces per cube.....	40
Weight per cube (approx).....	2600 lbs
Void Area.....	28%

## Dimensions:



## Residential and Commercial Installation:

1. Excavate subgrade material to the depth required for particular application and compact the soil subgrade to at least 95% of modified Proctor Density. The base for Percstone is typically compacted 3/4" modified stone. The thickness of the base depends on the load and the strength of the soil sub-base as directed by site engineer, architect, or landscape architect. (For example, a typical fire lane or parking lot would require 8"-12" of stone.)
2. Install edge restraint using concrete curb or concrete toe.
3. The setting bed should be concrete sand conforming to ASTM C 33. Thickness of the sand should be 1". The sand should be properly screeded to proper elevation allowing 3-1/8" for the Percstone units. The screeded sand should not be saturated nor disturbed.
4. Install Percstone units on bedding course in pattern desired allowing approximately 1/8" between units.
5. Where required, cut Percstone units with an approved cutter to fit accurately, neatly and without damaged edges.
6. Tamp Percstone units with mechanical vibrator uniformly level, true to grade and free of movement.

## Installation for Erosion Control:

**Embankments:** Percstone units are placed directly on graded and compacted soil, working from the bottom to the top of the embankment. The recommended maximum angle is 70 degrees; for slopes over 45 degrees, Percstone units should be staked every third row to secure them until vegetation is established.

**Streambanks and Lakesides:** The maximum recommended slope for this application is 45 degrees. Frequently, a base of gravel (minimum 4") and a layer of filter fabric are necessary to prevent scour from moving water. In areas where vegetation will not grow, gravel should be placed in the voids of the Percstone units.

For further information, refer to ICPI Tech Spec. #8, a copy of which will be provided upon request.



## Product Composition:

Hardscapes USA pavers are made with zero-slump concrete, which is then hydraulically pressed while being subjected to extremely high frequency vibrations. This process results in Hardscapes USA pavers having a compressive strength of 8,000 psi or greater (ASTM C-936) and a moisture absorption of less than 5%.

## About Hardscapes USA

Hardscapes USA is a manufacturer and distributor of a wide range of quality concrete products including pavers, retaining wall units, and patio products. They are produced and distributed throughout the Southeast and are used in residential, commercial, and industrial construction.

Hardscapes USA pavers are synonymous with distinctive paving applications and have earned a reputation for both quality and durability. Hardscapes USA pavers are well-suited for both the discriminating design application and the heavy-duty, functional project.

The information contained herein is accurate to the best of our knowledge, but Hardscapes USA assumes no liability whatsoever for its accuracy or completeness. Final determination of suitability of any material is the sole responsibility of the user.