

# NORTH CAROLINA GRANITE CORPORATION

## Truncated Dome Pavers

### Technical Specification Information

#### High Compression Strength

- 17,500 to 27,000 Pounds Per Square Inch (PSI) for standard colors.
- 2-3 times more durable than other solutions.
- Withstands heavy pressure from vehicles and maintenance equipment, when set properly.

#### Slip Resistant

- ASTM C 1028 and ASTM D 2047
- Adjusted Coefficient of Friction (COF) exceeds 0.5 in both tests (greater or equal to 0.5 is considered slip resistant).

#### Meets Recommendations

- While truncated dome pavers meet current ADA recommendations under ADAAG Section 4.29.2, they also meet the proposed ADA requirements noted in Section 1108 of "Draft Guidelines for Accessible Public Right-of-Way."
- Standard colors will not exceed 0.31% absorption rate.



#### Composition & Materials:

Truncated dome pavers are natural granite stone products. Granite is an igneous rock, formed from liquid magma, cooled slowly to form a substance approaching the hardness of diamonds. Granite's three essential minerals are feldspar, quartz, and mica. These minerals occur in different proportions, giving each granite its own color, texture and structural characteristics.

Standard Thickness: 1 1/4" +/- 1/16", 2" +/- 1/16", 3" +/- 1/4", and 4 1/4" +/- 1/4".  
(Piece size may vary based upon thickness.)

Edge Finish: Sawn

Top Surface Finish: Highly slip-resistant, coarse dome and background texture.

Spacing Requirements: Truncated Dome Pavers are spaced 1.6" to 2.4" maximum from center to center and have a base to base spacing of 0.65" minimum, measured from the most adjacent domes on an in-line grid pattern.

Truncated Dome Pavers have a base diameter of 0.9" minimum to 1.4" maximum with the top diameter measuring 50% to 65% of the base diameter with a dome height of 0.2".

