

1. **PRODUCT NAME**
ColdSpring
Truncated Dome Granite Pavers-ADA
Compliant

2. **MANUFACTURER**
ColdSpring
17482 Granite West Road
Cold Spring, MN 56320-4578
Toll Free.....800-328-5040
Phone.....320-685-3621

3. **PRODUCT DESCRIPTION**

Basic Use: ColdSpring Truncated Dome Pavers are designed to act as a stop sign and to alert pedestrians who are blind or visually impaired to the presence of intersections between hazardous vehicular and pedestrian routes. Granite pavers are ideally suited for extreme conditions, as they resist wear, deterioration and weathering, while maintaining their natural beauty and finish indefinitely.

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 and durability 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 3/16" (+1/8" -1/16") [30 mm]
- 2" (+1/8" -1/16") [51 mm]
- 3 1/8" (+1/8" -1/16") [79 mm]
- 3 7/8" (+1/8" -1/16") [98 mm]

Actual Sizes:

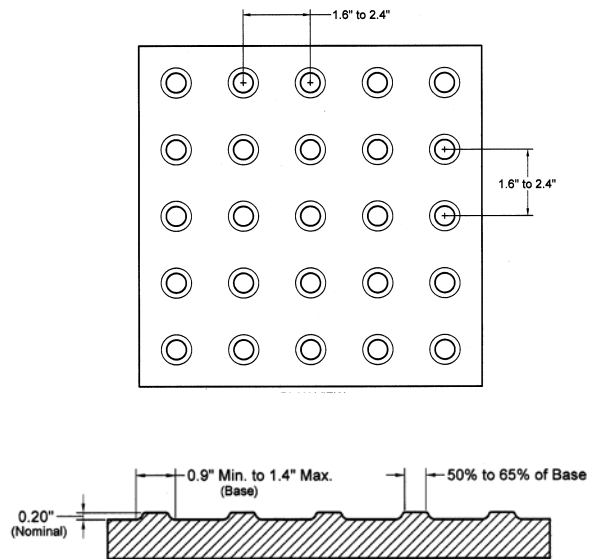
- 11 3/4" x 11 3/4", 11 3/4" x 1'-11 3/4"
- 1'-11 3/4" x 1'-11 3/4", 1'-11 3/4" x 2'-11 3/4"
- 2'-11 3/4" x 2'-11 3/4", 2'-11 3/4" x 3'-11 3/4"

Edge Finish: Sawn

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

Spacing Requirements:

- Truncated Dome Pavers have a base diameter of 0.9" (23 mm) minimum to 1.4" (36 mm) maximum, a top diameter of 50% of the base diameter minimum to 65% of the base diameter maximum, and a nominal dome height of 0.2" (5 mm).
- Truncated Dome Pavers in a detectable warning surface have a center-to-center spacing of 1.6" (41 mm) minimum and 2.4" (61 mm) maximum, and a base-to-base spacing of 0.65" (16 mm) minimum, measured between the most adjacent domes on the square grid.
- Detectable warning surfaces shall contrast visually with adjacent walking surfaces either light-on-dark or dark-on light.



Recommended Joint Width: 1/4" maximum.

Technical Information: Standard specification selection criteria for truncated dome granite paving.

ASTM C 97:

Density.....161.9 lbs/ft³ Min.
Absorption.....0.07 % Min - 0.31 % Max.

ASTM C 170-Compressive Strength

17,550 PSI Min - 29,000 PSI Max.

ASTM C 99-Modulus of Rupture

1,480 PSI Min – 2,650 PSI Max.

ASTM C 241-Abrasion Resistance

H_A61 Min.- H_A 93.2 Max.

ASTM C 880-Flexural Strength

1,180 PSI Min. – 2,510 PSI Max.

File ASTM test results available.

4. SLIP RESISTANCE

- 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).
- While Coldspring's 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 .31 absorption rate

5. INSTALLATION

Granite pavers are installed in a 1" to 2" wet mortar bed over a concrete slab or compacted fill base. The wet mortar bed is required to level the pavers

6. AVAILABILITY AND COST

Contact Coldspring for delivery, cost and availability.

7. WARRANTY

Granite supplied by the Coldspring is a natural material, subject to variations in color, shade, markings, and texture. Samples provided may vary from material delivered.

All goods are carefully packed and inspected before delivery to the freight carrier. The buyer upon receipt should inspect material. Coldspring will assist with any supporting paperwork for Buyer's claim.

Claims Procedure: Claims that may arise, due to damage or loss in transit, must be made directly with the freight carrier within five (5) days after receipt of material. Coldspring's responsibility ceases upon delivery to the carrier.

Exclusions: No claims will be allowed for any labor, nor does Coldspring accept any claims after the material is worked, cut and/or installed.

Coldspring shall not be responsible for damages, directly or indirectly, for the loss of any profits or other legal relief, due to delay in delivery, or failure to deliver goods, if said delay is caused by flood, natural disaster, fire explosion, acts of God, strike, embargo, shortage of field, transportation, war, national emergency or anything beyond Coldspring's control.

8. MAINTENANCE

Granite is easy to maintain. Clean with mild soap and water. For further information on stone care and maintenance, reference ASTM C1515, www.astm.org.

9. TECHNICAL SERVICES

Local Coldspring representatives can address most specification, installation, and application questions. For further technical information, call Coldspring at 800-328-5040.