

**TRUNCATED DOME GRANITE PAVERS  
TECHNICAL DATA SHEET**

**1. PRODUCT NAME**

**Cold Spring Granite  
Truncated Dome Pavers-ADA Compliant**

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

**2. MANUFACTURER**

Cold Spring Granite Company  
17482 Granite West Road  
Cold Spring, MN 56320-4578  
Toll Free..... 800-551-7502  
Phone ..... 320-685-3621  
Fax ..... 320-685-8490

Custom Sizes or Color: Our Truncated Dome Pavers come in nine standard colors.

- |                      |                |
|----------------------|----------------|
| Rockville White®     | Academy Black® |
| Carnelian®           | Mesabi Black®  |
| Lake Superior Green™ | Iridian™       |
| Sunset Beige         | Radiant Red®   |
| Sierra White™        |                |

**3. PRODUCT DESCRIPTION**

Basic Use: Cold Spring Granite 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:

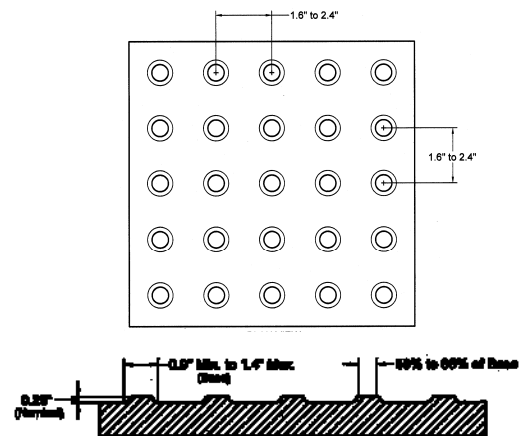
- 1-3/16" ± 1/16" (30 mm)
- 1-15/16" ± 1/16" (50 mm)
- 3-1/16" +1/8"-1/16" (78 mm)
- 4-1/16" +1/8"-1/16" (103 mm)

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"

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.



Edge Finish: Sawn

Recommended Joint Width: 1/4" maximum.

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

ASTM C 97:

Density ..... 161.9 lbs/ft<sup>3</sup> 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<sub>A</sub>61 Min.- H<sub>A</sub> 93.2 Max.

ASTM C 880-Flexural Strength  
1,180 PSI Min. – 2,510 PSI Max.

File ASTM test results available.

**4. 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

**5. AVAILABILITY AND COST**

Contact Cold Spring Granite for delivery, cost and availability.

**6. WARRANTY**

Granite supplied by the Cold Spring Granite Company 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. Cold Spring Granite Company 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. Cold Spring Granite Company's responsibility ceases upon delivery to the carrier.

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

Cold Spring Granite Company 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 Cold Spring Granite Company's control.

**7. 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](http://www.astm.org).

**8. TECHNICAL SERVICES**

Local Cold Spring Granite representatives can address most specification, installation, and application questions. For further technical information, call Cold Spring Granite Company at 800-551-7502.