

**1. PRODUCT NAME**  
Coldspring  
Granite Treads

**2. MANUFACTURER**  
Coldspring  
17482 Granite West Road  
Cold Spring, MN 56320-4578  
Toll Free .....800-328-7038  
Phone.....320-685-3621  
Fax .....320-685-8490

**3. PRODUCT DESCRIPTION**

Basic Use: Coldspring Treads are designed for use in exterior residential and interior/exterior commercial applications. Granite Treads are ideally suited for extreme conditions, they resist wear, deterioration and weathering, while maintaining their natural desired look.

Composition & Materials: Treads are a natural granite stone product. 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 Thicknesses: 2", 3 1/8", 4 1/8" (± 1/4"), 6 1/4" (± 3/8").

Standard Sizes: Length up to 48" maximum, 12" to 24" deep. Available custom made upon specifications.

Top Face Dimension Tolerance: ± 1/4"

Weight: Granite weighs approximately 170 pounds per cubic foot. Per square foot, weight translates as:

- 1 1/4" Thickness=18 LBS/FT<sup>2</sup>
- 2" Thickness = 30 LBS/FT<sup>2</sup>
- 3 1/8" Thickness = 45 LBS/FT<sup>2</sup>
- 4 1/8" Thickness = 60 LBS/FT<sup>2</sup>
- 6 1/4" Thickness=95 LBS/FT<sup>2</sup>

Top Surface Finish: Thermal/Flamed-Highly slip-resistant, rough-textured surface.

Edge Finish: Edges are split in a straight line with a hydraulic guillotine splitter. The resulting edge is straight, but broken along the natural grain structure of the stone, resulting in concave and convex areas along the edge.

One or two edges of any individual split edge paver may have a sawn edge. If the stock used to cut the tread has a straight edge, that edge is used as the treads are cut, unless the purchaser specifies otherwise at the time of order. Once the treads are installed, sawn edges are imperceptible.

Recommended Joint Width: 3/4". Split edge granite treads are sold by square foot of coverage based on the recommended standard joint width.

Color Ranges:

- Black & Dark Gray
- Dark & Red Brown
- Red & Pink
- Light Pink & Light Gray
- Blue & Green

Availability of specific granite colors is subject to availability of post-production stock. Treads are produced and sold as quarry run, meaning the full color range of a given quarry is acceptable to the purchaser. Because treads are a by-product of cut-to-size granite, larger orders require sufficient lead time. Please contact a Coldspring representative for details.

Technical Information: Standard specification selection criteria for granite paving.

- ASTM C 97: Density..... 165 LBS/FT<sup>3</sup> Min.  
Absorption ..... 0.40 % Max.
- ASTM C 170: Compressive  
Strength..... 19,000 PSI Min.
- ASTM C 99: Modulus of  
Rupture..... 1,500 PSI Min.

ASTM C 241: Abrasion  
Resistance .....HA25 Min.

ASTM C 880: Flexural  
Strength ..... 1,200 PSI Min.

File ASTM test results available.

#### **4. INSTALLATION**

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

#### **5. AVAILABILITY AND COST**

Contact Coldspring for inventory availability, cost and area dealer.

#### **6. WARRANTY**

Granite supplied by Coldspring is 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. Material should be inspected by the buyer upon receipt. 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.

#### **7. CANCELLATION**

If the Buyer chooses to cancel or reduce an order, Coldspring may accept or reject any such requests. Material accepted for return requires authorization from Coldspring and is subject to a 25% restock charge. Only material packed in original crating will be accepted for return.

#### **8. MAINTENANCE**

Granite is easy to care for. Clean with mild soap and water. For stain prevention and removal, contact a stone care company. Information about such companies is available through Coldspring.

#### **9. TECHNICAL SERVICES**

Local Coldspring dealers can address most specification, installation, and application questions. For further technical information, or the name of your area dealer, call Coldspring at 800-328-7038.

#### **10. COLOR RANGE**

Full quarry color range is provided without exception. They are produced as a standard stock item. Treads will display broader range of color tone and natural quarry markings than custom cut work. The only criteria for rejection is the product quality, as relates to soundness.

Any range sample submitted for the custom fabricated portion of the project cannot be used as criteria for acceptance of the granite tread portion of the project.