



Shep Rock

Anchoring Cement

Description

Shep Rock is a scientifically formulated non-metallic pourable anchoring cement and grout. Its rapid setting and expansive. Shep Rock is non-shrink hydraulic cement with controlled expansion. It will self-level when mixed with water to a pourable consistency. Shep Rock is non-rusting and contains no ferrous metals. Its controlled expansion grips the material to be anchored, locking it into place.

Primary Applications

Shep Rock may be used to anchor bolts, equipment, machinery, railing, reinforcing rod, signs, posts, etc. It may be used to grout columns, machinery, bearing plates and precast members. Shep Rock meets ASTM C-1107 Grade C.

Features & Benefits

- Fast Setting
- Non-Shrink
- Non-Metallic
- Self-Leveling when Mixing to Pourable Consistency
- Controlled Expansion
- High Compressive Strength
- High Pullout Strength
- Anchors by Expansion
- Meets ASTM 1107 Grade C
- Meets CRD 621

Primary Applications

Surface Preparation: All surfaces to be anchored or grouted should be clean and free of any loose particles or debris. The surface to be grouted or anchored should be dampened with clean water, but no standing water should remain.

Mixing: Shep Rock may be mixed to a putty consistency, depending on application. Always mix in a clean container. Excess water will reduce strength and will increase setting time.

Pourable Consistency: Step One - Mix 1 pint of water per 5 lb. box, 1 quart of water per 10 lb. pail or 5 quarts of water per 50 lb. pail of Shep Rock. Step Two - Mix to a thick paste and allow mixture to stand for about one minute, and then stir thoroughly.

Putty Consistency: Step One - Mix 7/8 pint of water per 5 lb. box, 1-3/4 pints per 10 lb. pail or 4-1/4 quarts of water per 50 lb. pail of Shep Rock. Step Two - Mix for 1 to 2 minutes to a putty consistency.

Application

The hole must be free of loose particles. The hole should be filled with water and scrubbed with stiff bottle brush. All excess water is to be removed. The hole should be clean and damp. Place anchor bolt with washer in the hole and pour in Shep Rock. The washer should be just smaller than the hole. For grouting or anchoring in a vertical wall, force the Shep Rock into the hole. Then tamp the bolt or rod into place and finish flush with the wall. Use warm water if faster set is needed.

Technical Data

Initial Set.....17 minutes at 75 degrees
 Final Set.....45 minutes at 75 degrees
 Expansion.....0.3%

Compressive Strength (ASTM C 109, air cured)

1 day.....10,920 psi
 7 days11,060 psi

Pullout Strength (1" diameter bolt anchored in 1-1/2" diameter Hole)

3 Days.....35,650 psi

Estimated Coverage

100 lbs. of Shep Rock gives 1 cu. ft. of material

Packaging

Shep Rock is packaged in 50 lb. reusable pails (36 per pallet), 10 lb. reusable pails, and 5 lb. boxes (12 per carton)

Continued on reverse side

Hole Diameter and Depth

Bolt Diameter	Hole Diameter	Hole Depth
1/4"	3/4"	3"
3/8"	1"	4"
1/2"	1-1/2"	4"
5/8"	1-3/4"	6"
3/4"	1-3/4"	6"
1"	2"	8"

NOTE: All bolts must have washer just small enough to fit hole.

Precautions

Shep Rock may erode, if exposed continuously to water. Seal with water base acrylic sealer after curing for 7 days where there is heavy exposure to water. Cup Shep Rock over anchor hole to prevent standing water. Use SUPER Shep Rock where there is continuous exposure to water. Contact with Shep Rock may cause skin irritation. Use rubber gloves.

WARRANTY LIMITATION: Manufacturer warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, Manufacturer will replace the defective product with new product without charge to the purchaser. Manufacturer makes NO OTHER WARRANTY, either expressed or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall Manufacturer be liable for special, indirect or consequential damages resulting from the use or handling of the product, and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

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