



EUCLID CHEMICAL

Grouts

EUCO ROCK

Master Format #: 03 62 13

EUCO ROCK

Rapid-Setting Flowable Grout

Description

EUCO ROCK is a pourable hydraulic cement designed for anchoring or grouting applications. EUCO ROCK sets rapidly and quickly achieves load bearing and bond strength properties. It does not contain any metallic aggregate or chloride ions.

Primary Applications

- Interior and exterior applications
- Anchoring bolts in concrete slabs
- Hand rails & posts
- Reinforcing rods
- May be extended with pea-gravel for larger areas

Features/Benefits

- Fast and controlled set
- Positive expansion
- Excellent freeze/thaw durability
- High early strengths

Technical Information

Typical Engineering Data

The following results were developed under laboratory conditions.

Compressive Strength ASTM C 109, 2" (50 mm) cubes @ 72°F (22°C)

3 hours.....2,600 psi (17.9 MPa)

24 hours.....3,800 psi (26.2 MPa)

7 days.....5,000 psi (34.5 MPa)

28 days.....6,000 psi (41.7 MPa)

Working Time.....~ 5 - 15 minutes

Appearance: EUCO ROCK is a free flowing powder designed to be mixed with water. After mixing and placing, the product color may initially appear darker than the surrounding concrete. This color will lighten substantially as the anchoring cement cures and dries out.

Packaging/Yield

EUCO ROCK anchoring cement is available in a 50 lb (22.7 kg) pail which yields 0.48 ft³ (0.014 m³) when mixed with 1.5 gal (5.7 L) of water per pail.

Shelf Life

1 year in original, unopened package.

Directions for Use

Hole Preparation: Roughen the surface of the hole with a wire brush on the end of a drill, then clean out with water and oil-free compressed air.

Saturation: Saturate the hole for a minimum of one hour before grouting. Remove all free standing water.

Mixing and Placing: EUCO ROCK can be easily mixed with a drill and mixing prop. Mix 50 lbs. (22.7 kg) of EUCO ROCK with 1.4 to 1.5 gallons (5.3 to 5.7 L) for 1 minute to a smooth, lump-free consistency. Place EUCO ROCK in thicknesses from 1/4" to 1" of annular space. When anchoring bolts, posts or rails in concrete or masonry, mix EUCO ROCK to a flowable consistency and pour around the bolt and fill the hole. Crown the cement slightly with a trowel or putty knife as it stiffens. When anchoring on a horizontal surface, mix EUCO ROCK to a plastic consistency and fill the predampened, clean hole. Drive the anchor into place and finish surface with a trowel.

Clean-Up

Clean tools and equipment with water before the material hardens.

Precautions/Limitations

- Place material quickly due to fast set.
- Do not use EUCO ROCK as an anchoring grout for rock bolts. Consult your local Euclid Chemical representative for information on grouting rock bolts.
- Do not add admixtures or fluidifiers.
- Do not use material at temperatures that may cause premature freezing.
- Store product in a dry place.
- In all cases, consult the Safety Data Sheet before use.

Rev. 6.17

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.