

EUCO ROCK

RAPID-SETTING FLOWABLE GROUT

Distributed By:

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**EUCLID CHEMICAL**

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
- Excellent freeze/thaw durability
- High early strengths

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field 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: Remove any standing water from the space to be grouted prior to beginning the cleaning process. Using oil free compressed air, insert the air wand to the bottom of the hole and blow out any debris with an up/down motion for a minimum of 4-5 seconds.

Using a wire brush that is long enough to reach the bottom of the hole, brush in an up & down and twisting motion. Blow the hole out once more to remove brush debris using oil free compressed air. Visually inspect the hole to confirm it is clean. If installation will be delayed for any reason, cover cleaned holes to prevent contamination.

Saturation: Saturate the hole for a minimum of one hour before grouting. Again, remove all free standing water before placing EUCO ROCK.

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 pre-dampened, 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.
- When necessary, follow the recommendations in ACI 305R "Guide to Hot Weather Concreting" or ACI 306R "Guide to Cold Weather Concreting".
- Store product in a dry place.
- In all cases, consult the Safety Data Sheet before use.

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