

EUCO ROCK

QUICK-SETTING FLOWABLE GROUT

DESCRIPTION

EUCO ROCK is a pourable, fast setting hydraulic cement designed for anchoring or grouting applications. EUCO ROCK sets in less than 10 minutes and rapidly achieves load bearing and bond strength properties. It does not contain any metallic aggregate or any chloride ions.

PRIMARY APPLICATIONS

- Interior and exterior applications
- Anchoing bolts in concrete slabs
- Hand rails & posts
- Reinforcing rods
- May be mixed with aggregates when placed into voids requiring large amounts of material

FEATURES/BENEFITS

- Fast and controlled set
- Positive expansion
- High early strengths
- Excellent freeze/thaw durability
- ▲ Can contribute to LEED points

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions:

Early expansion ASTM C 157 0.04%

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

3 hours.....3,000 psi (20 MPa)

24 hours4,100 psi (28 MPa)

7 days5,800 psi (39 MPa)

28 days.....8,000 psi (55 MPa)

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

EUCO ROCK anchoring cement is available in 3 package sizes:

50 lb (22.7 kg) pail.....0.48 ft³ (0.014 m³) yield

50 lb (22.7 kg) bag.....0.48 ft³ (0.014 m³) yield

12 lb (5.4 kg) bag.....0.11 ft³ (0.003 m³) yield

Yields are based upon 1.5 gal (5.7 L) of water/ 50 lb (22.7 kg) unit.

SHELF LIFE

2 years in original, unopened package.

DIRECTIONS FOR USE

Hole Preparation: If necessary, clean the grout hole with water and compressed air. Roughen the surface of the hole with a stiff wire brush on the end of a drill or with a rotary impact drill.

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 for 1 minute to a smooth, lump-free consistency. 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.



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CLEAN-UP

Clean tools and equipment with water before the material hardens.

PRECAUTIONS/LIMITATIONS

- Place material within 5 minutes 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 Material Safety Data Sheet before use.

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