

# REC GROUT 717

## RAPID-SETTING FLOWABLE GROUT



### DESCRIPTION

REC GROUT 717 is a pourable hydraulic cement designed for anchoring or grouting applications. REC GROUT 717 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 @ 72oF (22oC)

3 hour. s.....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:** REC GROUT 717 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

REC GROUT 717 anchoring cement is available in a (25 kg) pail which yields 0.48 ft<sup>3</sup> (0.014 m<sup>3</sup>) 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:** REC GROUT 717 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 REC GROUT 717 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 REC GROUT 717 to a plastic consistency and fill the predampened, clean hole. Drive the anchor into place and finish surface with a trowel.

### PRECAUTIONS/LIMITATIONS

- Place material quickly due to fast set
- Do not use REC GROUT 717 as an anchoring grout for rock bolts. Consult your local Reckon 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.

#### **CLEAN-UP**

Clean tools and equipment with water before the material hardens.