

MULTI PERMANENT FIX/ PINNING GROUT

A Cementitious High Early Strength Grout for Winches and Rapid Concrete Repairs

Description

MULTI PERMANENT FIX / PINNING GROUT is a two part system comprising of a dry powdered grout and activator. The grout has been specially formulated to include high quality and graded siliceous aggregates, Shrinkage compensating chemicals and High Alumina Cements.

Typical Applications

- * Repairs to large and small holes in horizontal surfaces
- * Filling of holes on vertical wall surfaces
- Anchoring of ribbed and smooth steel bars
- Anchoring of holding down bolts for winch beds

Advantages

- Highly workable
- Early strength development
- Excellent bonding characteristics

Typical Properties

Initial Set:	20-25 minutes
Final Set:	45-60 minutes

Compressive Strengths

1 Hour	10-14 MPa
4 Hours	14-18 MPa

Bond Pull-out (kN) using a 200mm x 16mm ribbed bar in a 60mm diameter pipe

1 Hour	45kN
4 Hours	65 kN

Directions for Use

For ease of application, the MULTI PERMANENT FIX/PINNING GROUT is packed in a two part system. The powder and activator are mixed in a supplied bag, by rotating and moving the contents for about 2 minutes, a homogeneous mix is achieved and can then be poured from the mixing bag into the cavities.

Watchpoints

- Working time is limited to 20 minutes
- All the usual precautions related to Cementitious products should be adhered too when applying MULTI PERMANENT FIX/ PINNING GROUT

Equipment Care

All equipment must be cleaned with water after use.

Environmental and Safety Precautions

- * MULTI PERMANENT FIX / PINNING GROUT contains cementitious products and is alkaline when it comes into contact with water.
- * Avoid splashing into eyes or contact with skin. In case of eye contact, flood eyes repeatedly with water
- * Wash hands thoroughly with water after handling.

Yield

One 10kg box of MULTI PERMANENT FIX/ PINNING GROUT yields 5 litres of pourable grout.

Packaging

Supplied as a two-part system consisting of 10kg powdered grout and 1, 8 litres activator.

Quality Assurance

MCC LIMPOPO's production and testing programmes comply with all local and international testing standards.

Updates

This data sheet supersedes all previous issues prior to this date: 31/05/97.