

MULTI COVER DRILLING GROUT

A Cementitious High Early Strength Grout

Description

MULTI COVER DRILLING GROUT a pre-mixed dry powdered grout with specially graded siliceous aggregates, shrinkage compensating ingredients and blended with High Alumina Cement to produce a highly workable grout.

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
- * Grouting for cover drilling applications

Advantages

- * Highly workable
- * Early strength development
- * Excellent bonding characteristics
- * Non-shrink, controlled chemical expansion agents counteract shrinkage

Typical Properties

Initial set:	20-25 minutes
Final set:	45- 60 minutes
Shrinkage:	Non shrink - meets CRD C621 specification
Compressive Strength:	1 hour (12 - 14 MPA); 4 hours (14-18MPA)
Bond Pull-out tested using 200mm x 16mm ribbed bar:	1 hour (45kN); 4 hours (65kN)

Directions for Use

- * Add 4, 0 to 4, 5 litres of water per bag and mix thoroughly
- * Using a positive displacement pump, force the MULTI COVER DRILLING GROUT into the cavities
- * Insert steel pipe, wire rope or bars into the hole and leave to set
- * Bond pull out tests can be carried out after a period of one hour

Watchpoints

- * Working time is limited to 20 minutes
- * All the usual precautions related to cementitious products should be adhered to when applying the MULTI COVER DRILLING GROUT

Equipment Care

All equipment must be cleaned with water after use

Environmental and Safety Precautions

- * MULTI COVER DRILLING GROUT contains cementitious products and is alkaline when it comes in 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 25kg bag when mixed with $\pm 4,5$ litres water yields 12 litres of placable grout

Packaging

Supplied in a 25kg moisture resistant bags.

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.