

TECHNICAL DATA SHEET



RPGF GROUT

CABLE ANCHOR GROUT

DESCRIPTION

Cable Anchor Grout is a Portland cement-based mixture with high flow and non-shrink characteristics. It is designed for use with cables and long anchors. A selection of chemicals ensures that this product is highly pumpable and fast setting in all conditions.

PACKAGING

Supplied in 10 kg woven polypropylene bags with a waterproof inner liner. Packed in 100 per bulk bag.

APPLICATION AND USE

- Can be used with different grout pumps.
- Various diameter and length of vertical and horizontal holes can be pumped
- Can be used for pre-, post- and tube filling by exchanging lances in primary and secondary support
- Mainly used in conjunction with end anchor roof bolts and cable anchors.

TECHNICAL DATA

| | |
|---------------------|-------------|
| Working Temperature | +20°C |
| Package size | 10 kg |
| Yield per bag | 6.4 litre |
| Water per bag | 4.0 litre |
| Initial set | 60 minutes |
| Final set | 90 minutes |
| Setting time | 24 hours |
| Required load | 40 kN/4 Ton |

QUALITY ASSURANCE

Rainbow Mining Support (Pty) Ltd production and testing programs comply with all local (ISO 9001:2015) and international testing standards.



RESULTS

The bond pull-out (kN) using a 16 mm diameter ripple bar grouted in a 250mm x 50mm internal diameter pipe is a measure of the tensile strength of the Grout. The following are typical laboratory results at a room temperature of 25°C

| AGE | BOND STRENGTH (kN) | COMPRESSIVE STRENGTH (Mpa) |
|----------|--------------------|----------------------------|
| 4 hours | - | - |
| 8 hours | 10 kN | - |
| 24 hours | 14 kN | 8 Mpa |
| 7 days | 80 kN | 20 Mpa |
| 28 days | 100 kN | 30 Mpa |

CUSTOMER SERVICE

For additional support options available at your area, contact our local offices.

www.rainbowms.co.za

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