

TECHNICAL DATA SHEET



R5 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 in all conditions.

PACKAGING

Supplied in woven polypropylene bags with a waterproof inner liner. Packed in bulk 100 bags in a 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

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 shear 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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