

TECHNICAL DATA SHEET

Rock Support Systems Cable Anchor Grout High Flow G5

Description

Cable Anchor Grout is a OPC mixture high flow and is non-shrink and designed for cables and long anchors. A selection of chemicals ensures that this product is highly pumpable in all conditions.

Data

- Working temperature: +20°C
 - Bag contains: 10 kg
 - Yield per bag: 6.4 litre
 - Water per bag: 3.0 lit
 - Initial set: 60 minutes
 - Final set: 90 minutes
 - Setting time: 24 hours
- Required load: 4 tons/40kN

Typical Applications

- 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

Typical Results

The bond pull-out (kN) using a 16 mm diameter ripple bar grouted in a 250mm x 50mm internal diameter pipe is actually 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 / 1Ton	-
24 hours	40 kN/4 Tons	8 Mpa
7 days	80 kN/8 Tons	20 Mpa
28 days	100 kN/10Tons	30 Mpa

Packaging

Supplied in woven polypropylene bags with a waterproof inner liner. Packed in bulk 50 bags in a bulk bag

Quality Assurance

Rock Support Systems Mining Supplies Pty. Ltd. production and testing programs comply with all local (SANS 1745: 2003) and international testing standards



