

# TECHNICAL DATA SHEET

## Rock Support Systems Medium Set Pumpable Grout +35 4/4

### Description

Medium set pumpable grout +35. Encapsulated High Alumina thixotropic and is non-shrink. Grout that attains rapid early strength under high temperatures . The capsulated product ensure correct water/cement ratio for constant strength.

### Data

- Working temperature: +35°C
  - Diameter: 65 mm
  - Length: 450 mm
- Weight per bag : 8.8 kg to 15.4 kg
- Average weight per capsule: 2.2 kg
  - Yield per capsule: 1.35 liter
  - Initial set: 15-20 minutes
  - Final set: 20-25 minutes
  - Setting time: 4 hours
- Required load: 4 tons/40kN

### Typical Applications

- Can be used with RSS SS6 air or electric operated grout pumps and the RSS SS1 air pump
- 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

### 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 35°C

Age	Bond strength (kN)	Compressive Strength Mpa
2 hours	20 kN	-
4 hours	40 kN	15 Mpa
8 hours	60 kN	-

### Packaging

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

### Quality Assurance

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

