

# TECHNICAL DATA SHEET

## Rock Support Systems Encapsulated Cable Grout



### **Description**

Encapsulated Cable Grout is packed in a 15.4kg polypropylene woven bag with 7 sleeves. It is a mix which only requires the addition of water. The mixed grout is then placed by means of a suitable grout pump. It is a Portland based mixture.

### **Production Application**

Encapsulated Cable Grout. is a pumpable full column grout for use in the installation of mechanical long anchors up to 16 m of length.

### **Mixing Instructions**

One bag of Encapsulated Cable Grout consists of 7 sleeves, to be remove from bag and soaked into water and allow for water absorption until bubbles stop (bubble time).

Preferable temperature range is between 20°C and 30°C.

The grout is pumped into the hole after the installation of the anchor. To ensure full column grouting, ensure pipes are not blocked.

### **Performance Test**

Initial Set (25°C): .....	4 to 5 hours
Final Set (25°C): .....	5 to 6 hours

### **Typical Compressive Strength**

24 hours: .....	8 MPa
48 hours: .....	10 MPa
7 days:.....	15 MPa
28 days:.....	30 MPa

### **Pull Strength**

#### **Pipe: 300mm x 16 mm Rebar**

24 hours: .....	25 kN
48 hours: .....	40 kN
7 days:.....	70 kN

### **Packaging and Shelf Life**

Supplied in woven polypropylene bags with a waterproof inner liner. Bags of 15.4kg x 50 per pallet and shrink-wrapped for protection Encapsulated Cable Grout has a shelf life of 12 months when stored unopened in dry conditions and out of direct sunlight.

### **Precautions**

#### **Health and Safety:**

Encapsulated Cable Grout is non-toxic, but like all cement, is alkaline in nature. The use of gloves and goggles is recommended.

Encapsulated Cable Grout is non-flammable and non-combustible.

### **Technical Support**

Rock Support Systems Mining Supplies Pty. Ltd. provides a technical and specialist support team to back its products in assisting customer requirements.





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*Rock Support Systems*