

# TECHNICAL DATA SHEET

## Rock Support Systems Cable Grout



### **Production Application**

Rock Support Systems C.G. is a pumpable full column grout for use in the installation of mechanical long anchors up to 16 m of length.

### **Description**

Rock Support Systems C.G. is packed in a 20kg polypropylene woven bag. 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.

### **Mixing Instructions**

One bag of Rock Support Systems C.G. is added to  $\pm 8$  L of water and mixed in a suitable vessel for 3 minutes. Preferable temperature range is between 20°C and 30°C

The grout is pumped into the hole before, or after the installation of the anchor.

To ensure full column grouting, fill from the back to the front of the hole.

### **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: ..... 16 MPa

28 days: ..... 34 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 20kg x 40 per pallet and shrink-wrapped for protection. Rock Support Systems C.G. has a shelf life of 12 months when stored unopened in dry conditions and out of direct sunlight.

### **Precautions**

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

Rock Support Systems C.G. is non-toxic, but like all cement, is alkaline in nature. The use of gloves and goggles is recommended.

Rock Support Systems C.G. 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.

