

## CEMENTITIOUS CARTRIDGE FOR ROCK BOLTING

### DESCRIPTION

**Congrout Rokfix** is a cementitious rock bolting grout packed in a water permeable membrane, forming a shrinkage compensated grout providing high early compressive strengths and fast setting times.

### USES & ADVANTAGES

**Congrout Rokfix** is used for grouting rockbolts as reinforcement in tunneling and mining to protect overhead collapse.

#### Advantages include:-

- Laboratory tested pre-packed materials.
- Ready to use just add water.
- Non shrink.
- Good adhesion.
- Chloride Free.
- Minimizes grout loss from overhead holes or under conditions of running water.

### PROPERTIES

**Appearance :** Grey powder  
**Pre soak time with water :** At least 1 minute  
**Yield :** Approx. 1 kg = 0.85-0.875 L  
**Compressive Strength:**  $\geq 15$  MPa at 3 hrs  
(at 30°C, Water/Powder ratio : 0.28)  $\geq 50$  MPa at 28 days

*Note: Properties are typical under laboratory conditions and do not constitute a specification. Field trials are recommended.*

### APPLICATION

- 1) Drill hole to the required length and diameter using drilling machine.
- 2) Remove / clean any dirt / objects from inside the hole.
- 3) Remove **Congrout Rokfix** from plastic and immerse in water at least 1 minute or up to the point where no signs of air release.
- 4) Insert **Congrout Rokfix** one by one into the drilled hole by pushing it using a rod or any long instrument to push it to the bottom of the hole until hole is filled.

*Note: Congrout Rokfix sets rapidly, work fast without delay.*

### PACKAGING

20 cartridges per box.

Packed in a water permeable membrane and protected by a polyethylene cover.

**Cartridge nominal diameter :** 35 mm. (standard),  
other diameters on request  
**Cartridge nominal length :** 300 mm. (standard),  
other lengths on request

### STORAGE CONDITIONS & SHELF LIFE

Store in dry shaded conditions. The unused **Congrout Rokfix** to be kept under double line polyethylene cover to avoid exposure to atmosphere. The shelf life is 6 months from date of manufacture in unopened original packaging. High temperatures and humidity may reduce shelf life.

### HEALTH & SAFETY

**Congrout Rokfix** is alkaline avoid contact with skin & eyes. Gloves, goggles and dust mask should be worn. If **Congrout Rokfix** gets into eyes, washed out with copious amounts of clean water and medical attention sought. **Congrout Rokfix** is non-flammable.

### TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

### QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

### CONTACT DETAILS

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