

Capcem® B5 Pumpable Grout



Pumpable cement grout for full column grouting of Mechanical Roof Bolts and Cable anchors

Uses

Capcem B5 is a pumpable grout for use in the installation of mechanical roof bolts and cable anchors from 3 to 15 metres in length.

Advantages

- Cement based, no resins or solvents.
- Pump life of 1 hours, at 25°C.
- Pumpable up to 15 metres.
- No shrinkage or bleed water.
- No grout run-out.
- High pH prevents corrosion of steel.

Description

Capcem B5 is supplied in 10kg and 25kg lined, woven polypropylene bag. It is a single component powder which is mixed with water. The mixed grout is intended for placement through a suitable grout pump.

Mixing Instructions

10 Kg

One 10 kg bag of Capcem B5 is added to 4 liters of water or pro rata in a suitable mixing / pumping vessel and mixed thoroughly for 3 minutes. Water temperature should be between 20°C and 30°C preferably.

25 KG

One 25 kg bag of Capcem B5 is added to 10 liters of water or pro rata in a suitable mixing / pumping vessel and mixed thoroughly for 3 minutes. Water temperature should be between 20°C and 30°C preferably

The grout is then pumped into the drilled hole before or after installation of the anchor to give full column filling. Use the delivery line to fill from the back of the drilled hole forwards.

PACK SIZE (kgs)	MIX WATER (liters)	YIELD (liters)
10	4	7
25	10	17.5

Properties

Relative Density (RD)	: 1.95
Initial Set (Hours, 25°C)	: 4
Compressive Strength (MPa, Typical)	
24 hours	: 30.0
28 days	: 55.0

Packaging

10 Kg

Packaged in 10 kg bags, 100 bags per pallet. Each pallet is shrink wrapped to protect the product against damage.

25 Kg

Packaged in 25 kg bags, 40 bags per pallet. Each pallet is shrink wrapped to protect the product against damage.

Storage / Shelf Life

Capcem B5 has a shelf life of 12 months when stored unopened in dry conditions and out of direct sunlight to prevent degradation of packaging.

Precautions

Health and Safety

Capcem B5 is non-toxic but is alkaline in nature, gloves and eye protection should be worn. Splashes of grout to the skin or eyes should be washed off with clean water. In the event of prolonged irritation seek medical advice. Refer to Material Safety Data Sheet.

Technical Support

Minova RSA provides a technical advisory service supported by a team of specialists in the field. This service includes on site assistance and advice on evaluation trials and laboratory work.

Additional information

Minova RSA is a market leader specialising in the supply of high performance chemical products for the mining and tunnelling industries.

The Minova RSA range of mining products includes anchoring and backfill systems, bagged cement products, high yield grouts, mine sealants, equipment and accessories.

Important note

Minova RSA products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Minova RSA endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

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