

**MINING**

**Capcem™ PLG**

**PUMPABLE CEMENT GROUT**

**DESCRIPTION**

Capcem™ PLG is a single component cementitious powder that is mixed with water. It is supplied in 25 kg lined, woven polypropylene bags. The mixed grout is intended for placement through a suitable grout pump.

**APPLICATION AND USE**

Capcem™ PLG is a pumpable grout for use in the installation of mechanical long-anchors from 3 to 15 metres in length.

**ADVANTAGES**

- Cement based: no resins or solvents
- Working life of 4 hours, at 25°C
- Pumpable up to 15 metres
- No shrinkage or bleed water
- No grout run-out
- High pH inhibits corrosion



**TECHNICAL DATA**

**SETTING PROPERTIES**

Details	Value	Unit
Relative Density (RD)	1750	kg/m <sup>3</sup>
Initial Set (25°C)	4	Hours

**COMPRESSIVE STRENGTH (TYPICAL)**

Curing Age	Strength
24 hours	1.0 MPa
48 hours	10.0 MPa

## **APPLICATION METHOD**

Add Capcem™ PLG powder to water in the ratio of 1 bag of Capcem™ PLG to 10 litres of water. in a suitable mixing / pumping vessel and mix thoroughly for 3 minutes. Water temperature should preferably be between 20°C and 30°C.

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.

<b>Bulk</b>	<b>Mass per bag</b>	<b>Minimum grout volume yield per bag</b>
-	25 kg	20 lt

## **SAFETY INSTRUCTIONS AND LIMITATIONS**

Capcem™ PLG 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.

## **PACKAGING AND TRANSPORTATION**

Packaged in 25 kg bags.

40 bags per pallet - each pallet is shrink wrapped to protect the product against damage.

## **STORAGE AND SHELF LIFE**

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

## **DISPOSAL**

Follow local regulations.

## **DISCLAIMER**

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