

ROCK MAGIC L.A.G.

MEDIUM STRENGTH PUMPABLE CABLE GROUT

DESCRIPTION

Rock Magic L.A.G. is a single component, medium strength, thixotropic, pumpable cement grout with expansion properties.

APPLICATIONS

Rock Magic L.A.G. is used as a grouting medium for the installation of mechanical anchors and grouted roofbolts, as well as a corrosion protection for spin anchors and passive anchors.

BENEFITS

Controlled expansion.
Non-chloride.
Excellent compressive and pull strength development.
Good cohesive (no water bleed) and adhesion properties.
Good pumpability.
Good workability retention (approximately 30 - 45 minutes), depending on water and ambient temperature.
Very robust packaging, reducing wastage.

DIRECTIONS FOR USE

Measure out the required quantity of clean mixing water, in a suitable mixing vessel. Pour in 8litres of water. Start the mixing process and slowly add the powder to the water. (Never add the water to the powder, as the risk of flash set can occur.) Part mixing of Rock Magic L.A.G. is feasible, but is not advisable when the mixing ratio between water and powder is not accurate. Once all the grout powder has been added to the water, continue mixing until a homogeneous, lump free consistency is achieved (approximately 5 to 6 minutes). After the grout has been properly and completely mixed, pumping can commence. Ensure that all equipment used, is properly cleaned with water immediately after use.

PACKAGING

This grout is packed in a 20kg polypropylene bag (outer) and a valve fill polyethylene inner bag. Palletised product is shrink wrapped (pallets contain 50 bags respectively).

PRODUCT PERFORMANCE

Typical for a water addition rate of 7litres per 20kg of Rock Magic L.A.G.

Properties are for guidance purposes and not a guarantee of performance.

Results obtained under controlled laboratory conditions.

Note: Temperatures below 15°C will retard initial set and strength gain.

Initial Set	4 - 6 hrs
Compressive Strength	
@ 24hrs	18.6 MPa
@ 3 days	29.9 MPa
@ 7 days	38.8 MPa
@ 28 days	67.5 MPa
Pull Strength @ 24hrs (200mm)	1.5 Tonne
Yield	
- kg	27kg
- litres	13.2litres
Wet Density	1.97kg/dm ³

STORAGE

Storage conditions must be dry and out of direct sunlight. Re-seal open packaging to prevent the ingress of contaminants and moisture. Expected shelf-life under correct storage conditions is 12 months.

IMPORTANT NOTE:

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