

PRO GROUT S40 ECO

BRAND/PRODUCT NAME

PRO GROUT S40 ECO

MANUFACTURER

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PRODUCT DESCRIPTION

PRO GROUT S40 ECO is an environmentally friendly premixed cement base non-shrink grout that is non-corrosive, non-oxidizing and is free of chlorides and nitrates. **PRO GROUT S40 ECO** is formulated for general purpose grouting needs and is commonly used to repair structural building members.

ADVANTAGES

- Factory blended pre-packed ensures high quality product
- Easy mixing and application
- Excellent adhesion strength
- Fast setting
- Economical – saves time, labour and money
- High performance

USES

PRO GROUT S40 ECO is a general purpose grout for patching of masonry/substrate and is also recommended for structural concrete repairs like under plates, beams and columns and post tensioned girders.

INSTALLATION

Surface Preparation

Surfaces receiving **PRO GROUT S40 ECO** must be clean and sound. Remove all dust and any loose materials before commencing works. Thoroughly wet all surfaces and keep substrate in a moist condition during placement. Any stagnant surface water must be removed before application.

Mixing

Use approximately 4 to 5 litres of clean potable water to a bag of 25kg **PRO GROUT S40 ECO**. For best results a mechanically powered grout mixer should be used.

Place measured water into grout mixer; then gradually add the powder and mix thoroughly for approximately 3-5 minutes till an even consistency is obtained.

Additional aggregates use for bulking the thickness must be added before **PRO GROUT S40 ECO**. The additional rate would be 10-15 kg to 25kg of **PRO GROUT S40 ECO**.

Application

Hand placing or "dry packing" of **PRO GROUT S40 ECO** must be done with sufficient water to produce a plastic consistency and to assure hydration and strength development of the grout.

Minimum thickness for **PRO GROUT S40 ECO** is 10mm and the maximum thickness is 100mm.

Recommended application thickness is 20mm to 50mm in one pour. Grout pour should done in stages if require thickness exceed 100mm or have 5-10mm washed coarse aggregates added to it.

After initial hardening of the grout, all exposed areas should be thoroughly cured by means of water application, or under wet burlaps, or by application of PRO range of curing compounds.

PACKAGING

PRO GROUT S40 ECO comes in 25kg bag.

TECHNICAL DATA

Performance Properties:

Test/Test Method	Results
Flow Consistency ASTM-C1437	30% - 45%
Compressive Strength ASTM C109/C109M	> 40 N/mm ²
Slant Shear Bond Strength BS EN12615	> 1.5N/mm ²
Volume Change ASTM C827 /C827M	0 to +3
Setting Time -Initial Set -Final Set ASTM BS EN196:3	> 60 mins ≤ 240 mins
Yield Per Bag	0.013 m ³
Pot Life	60 mins (Approx.)

SHELF LIFE

Approximately 12 months in factory sealed packaging and should be stored indoor and off the ground in dry area.

**High humidity will reduce the shelf life of bagged cementitious product.*

CAUTION

This product contains Portland Cement and Silica Sand. Mix in a well-ventilated area and avoid breathing powder or dust. Use PPE as required. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.

**Refer SDS for safety precautions of this product.*

SALES AND TECHNICAL SERVICES



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