

PRO GROUT S40F ECO

BRAND/PRODUCT NAME

PRO GROUT S40F ECO

MANUFACTURER

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PRODUCT DESCRIPTION

PRO GROUT S40F ECO is an environmentally friendly premixed cement base non-shrink grout that is non-corrosive, non-oxidizing and is free of chlorides and nitrates. When mixed with water, **PRO GROUT S40F ECO** is transformed into very highly fluid grout without segregation that is able to fill intricate spaces.

ADVANTAGES

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

USES

PRO GROUT S40F ECO is used extensively for pressure grouting and as a flow-able grout. It is used for repairing structural building members such as pre-cast wall panels, under plates, beams and columns and post tensioned grinders. **PRO GROUT S40F ECO** may also be used for filling rigid joints between elements in concrete and precast concrete structures.

INSTALLATION

Surface Preparation

Surfaces receiving **PRO GROUT S40F 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 prior application. Allow water drainage channels/weep holes in the under plate grout formwork.

Mixing

Place approximately 4 to 5 litres of clean potable water in a clean mixing pail and gradually add one bag of 25kg **PRO GROUT S40F ECO**. Mix with hand held mechanical mixer for approximately 3-5 minutes to a homogenous lump-free consistency.

Application

Place **PRO GROUT S40F ECO** in one continuous pour and fill completely the grouting space. Use a rod or strapping to assist in compaction. **PRO GROUT S40F ECO** may be placed up to 50mm thick at one pour.

PRO GROUT S40F ECO can also be use with low pressure cement grouting equipment.

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 S40F ECO comes in 25kg bag.

TECHNICAL DATA

Performance Properties:

Test/Test Method	Results
Flow Consistency ASTM C939	10 – 30 Dec
Compressive Strength ASTM C942	> 40 N/mm ²
Expansion Shrinkage Bleeding ASTM C940	0% 0% 0%
Setting Time -Initial Set -Final Set ASTM C953	≥ 60 min ≤ 600 min
Yield per bag	0.013m ³
Pot Life	60 mins (subject to weather conditions)

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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