

PRO GROUT S70B ECO

BRAND/PRODUCT NAME

PRO GROUT S70B ECO

MANUFACTURER

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PRODUCT DESCRIPTION

PRO GROUT S70B ECO is an environmentally friendly premixed cementitious non-shrink grout that is non-corrosive, non-oxidizing and is free of chlorides and nitrates. **PRO GROUT S70B ECO** is formulated as a high strength non-shrink grout that is suited for critical grouting operations where high tolerance and high strength is required.

ADVANTAGES

- Factory blended pre-packed ensures high quality product
- Easy mixing and application
- Excellent compressive strength
- Fast setting
- High performance

USES

PRO GROUT S70B ECO is used primarily for high strength bedding , filling and grouting of structural building components such as precast wall panels, under plates, beams and columns and post tensioned grinders.

INSTALLATION

Surface Preparation

Surfaces receiving **PRO GROUT S70B 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 3.5 to 3.8 litres of clean potable water in a clean mixing pail and gradually add one bag of 25kg **PRO GROUT S70B ECO**. Mix with hand held mechanical mixer for approximately 3-5 minutes to a homogenous lump-free consistency.

Application

PRO GROUT S70B ECO is applied onto precast panels and other materials as a bedding mortar. **PRO GROUT S70B ECO** can also be used as a repair mortar or to fill rigid joints and voids.

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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TECHNICAL DATA

Performance Properties:

| Test/Test Method | Requirements | Results |
|---|--|--------------------|
| Flow Consistency ASTM C1437: 2015 | 30% - 45% | 42% |
| Compressive Strength ASTM C109/C109M: 2016a | $\geq 70 \text{ N/mm}^2$ | 88.5 |
| Volume Change Upper Limit Lower Limit ASTM C827/C827M | Lower limit - 0% Upper Limit - +3% | 0.03 |
| Bond Strength at 28 Days BS EN 12615: 1999 | $> 1.5 \text{ N/mm}^2$ | 4.1 |
| Setting Time -Initial Set -Final Set BS EN 196-3: 2016 | $\geq 60 \text{ min}$ $\leq 240 \text{ min}$ | 150 min 180 min |
| Yield per bag | 0.013m ³ | |
| Pot Life | 30 - 45 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. | |
| Packaging | 25kg bag | |

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