

# PRO PLASTER-P ECO

## BRAND/PRODUCT NAME

**PRO PLASTER-P ECO**

## MANUFACTURER

**PROTEC GREEN PTE LTD**

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## PRODUCT DESCRIPTION

**SGBP 2018-1987**

**PRO PLASTER-P ECO** is an environmentally friendly premixed plaster comprising of Portland Cement, carefully selected additives and graded fillers. **PRO PLASTER-P ECO** is formulated to be used for wall plastering/rendering material. Suitable substrates are concrete, hollow block, red brick, AAC/ALC blocks and other stone masonry construction walls etc.

## ADVANTAGES

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

## USES

**PRO PLASTER-P ECO** is designed to be use as a plastering/rendering material for concrete, new/old brick and masonry construction walls. It can also be use as a thin and medium bedding adhesive for installation of red bricks, hollow bricks and other stone masonry. **PRO PLASTER-P ECO** is suitable for wet and dry areas either internal or external.

## INSTALLATION

### **Surface Preparation**

Surfaces receiving **PRO PLASTER-P ECO** must be clean and free of dust, oil and all impurities/contaminants that might inhibit bonding. Good construction practices like washing of substrate a day before plastering is highly encouraged. Sponge-damp dry concrete surfaces before application.

### **Mixing**

Place approximately 5.0 to 6.0 litres of clean potable water in a clean mixing pail and gradually add one bag of 40kg **PRO PLASTER-P ECO**. Mix with hand held mechanical mixer for approximately 3-5 minutes to a homogenous lump-free consistency. Use rotating drum mixer with hollow-out fins for large quantity mixing. Always gauge the correct water/ powder ratio before mixing.

### **Application**

Apply **PRO PLASTER-P ECO** mortar onto wall with a steel trowel using light pressure to ensure good contact with substrate. Base coat shall not exceed 12mm thick. Roughen or scratch basecoat mortar surface while still fresh with notch trowel. When base coat has initial set, apply subsequent coat, each coat shall not exceed 15mm thick till required thickness is achieved. Float wall with wooden/ aluminium straight edge to a plumb and true surface. Using steel trowel, lightly skim the surface of **PRO PLASTER-P ECO** mortar to give a smooth finishing.

**PRO PLASTER-P ECO** can also be mechanically sprayed onto wall. Working time of mixed mortar is approximately 45 minutes depending on temperature, interior, exterior or under direct sunlight application.

Re-working of **PRO PLASTER-P ECO** mixed mortar with additional water will down-grade the performance of the product.

## PACKAGING

**PRO PLASTER-P ECO** comes in 40kg bag.

## TECHNICAL DATA

### **Performance Properties:**

Test/Test Method	Results
<b>Tensile Adhesion Strength</b> BS EN 1015-12 : 2016	≥ 0.75 N/mm <sup>2</sup>
<b>Compressive Strength</b> BS EN 1015-11 : 1999	12-20 N/mm <sup>2</sup>
<b>Linear Shrinkage</b> ASTM C531 : 2000 (2012)	≤ 0.10%
<b>Coverage</b>	1.65 kg/m <sup>2</sup> /mm thick
<b>Density</b>	1850 kg/m <sup>3</sup>

## 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

**PRO PLASTER-P ECO** contains Portland Cement and Silica Sand. Avoid eye and skin contact and use protective gloves and goggle. Mix in a well-ventilated area and avoid breathing powder or dust.

For further information, refer Material Safety Data Sheet.

## SALES AND TECHNICAL SERVICES

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