

# PRO TILEBOND-P ECO

## BRAND/PRODUCT NAME

**PRO TILEBOND-P ECO**

## MANUFACTURER

**PROTEC GREEN PTE LTD**

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## PRODUCT DESCRIPTION

**SGBP-2018-1796**

**PRO TILEBOND-P ECO** is a normal tile adhesive comprising of Portland Cement, sand and adhesive chemicals. **PRO TILEBOND-P ECO** have better flexural strength, durability, adhesion, less water absorption, colour retention and curing properties. It can be use as a thin or thick bed adhesive for tiling on concrete and cement rendered surfaces.

**PRO TILEBOND-P ECO** tile adhesive can be mixed with **PRO BOND 202** latex admixture to produce a tile adhesive that has improved adhesion strength and water repellent properties.

## 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 TILEBOND-P ECO** is designed to for bonding glazed and unglazed ceramic tile, glazed wall tile, quarry tile, stone, marble, thin brick, blocks and cement tiles to properly prepared substrate. It is suitable for wet or dry areas and interior or exterior application.

**PRO TILEBOND-P ECO** is best used with **PRO BOND 202** for swimming pools and wet locations.

## INSTALLATION

### **Surface Preparation**

Surfaces receiving **PRO TILEBOND-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 application is highly encouraged. Dampen substrate and stagnant water swept off prior to application.

### **Mixing**

Place approximately 5.5 to 6.5 litres of clean potable water in a clean mixing pail and gradually add one bag of 25kg **PRO TILEBOND-P ECO**. Mix with hand held mechanical mixer for approximately 3-5 minutes to a homogenous lump-free consistency. The pot life of the mixture is approximately 2 hrs and can be shorter in high temperature working environment.

Bonding Agent **PRO BOND 202** can be used to replace water during mixing for improved adhesion and effectiveness when fixing large flat-base tiles and existing glazed surfaces.

### **Application**

For tiling areas over movement joints, the joint should go right through the tile and adhesive bed. **PRO TILEBOND-P ECO** can be applied onto substrate using a notched trowel or it can be applied onto the back face of the tiles in buttering method.

Both method can be adopted when laying big tiles and tiles with deep grooves or ridges. After application, the tiles should be firmly pressed and tap into position.

## PACKAGING

**PRO TILEBOND-P ECO** comes in 25kg bag.

## TECHNICAL DATA

### **Performance Properties:**

TEST/TEST METHOD	RESULTS
<b>Tensile Adhesion Strength</b>	
7 days	≥ 0.3 N/mm <sup>2</sup>
28 days	≥ 0.5 N/mm <sup>2</sup>
<b>Water Immersion</b>	≥ 0.5 N/mm <sup>2</sup>
BS EN 1348 : 2007	
<b>Converage</b>	1.40 kg/m <sup>2</sup> /mm think

## 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 TILEBOND-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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