

# PRO TILEFIX 103 ECO

## BRAND/PRODUCT NAME

**PRO TILEFIX 103 ECO**  
**IMPROVED TILE ADHESIVE (C1TE)**

## MANUFACTURER

**PROTEC GREEN PTE LTD**  
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**SGBP 3347**

## PRODUCT DESCRIPTION

**PRO TILEFIX 103 ECO** is an improved cementitious tile adhesive comprising of Portland Cement, graded sand and adhesive chemicals. **PRO TILEFIX 103 ECO** have better flexural strength, durability, adhesion and less water absorption. It is use as a thin or thick bed adhesive for tiling on concrete and cement rendered surfaces.

**PRO TILEFIX 103 ECO** tile adhesive require mix with water. It can also mix with **PRO BOND 202** latex admixture for better adhesion strength with 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 TILEFIX 103 ECO** is designed for bonding glazed and unglazed ceramic tile, glazed wall tile, quarry tile, stone, thin brick, blocks and cement tiles to properly prepared substrate. It is suitable for wet or dry areas and interior or exterior application.

## INSTALLATION

### **Surface Preparation**

Surfaces receiving **PRO TILEFIX 103 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 10.4 to 11.2 litres of clean potable water in a clean mixing pail and gradually add one bag of 40kg **PRO TILEFIX 103 ECO**. Mix by handheld mixer or slow speed mechanical mixer for approximately 3-5 minutes to a homogenous lump-free consistency. 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 surface.

### **Application**

For tiling areas over movement joints, the joint should go right through the tile and adhesive bed. **PRO TILEFIX 103 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 TILEFIX 103 ECO** comes in 40kg bag.

## TECHNICAL DATA

### **Performance Properties: C1TE**

TEST METHOD	RESULTS
Tensile Adhesion Strength @ 28 Days	≥ 0.5 N/mm <sup>2</sup>
T - Slip (Non-sag)	≤ 0.5 mm
E - Open Time (30 mins)	≥ 0.5 N/mm <sup>2</sup>
Coverage	1.2 kg/m <sup>2</sup> /mm thick

## 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 TILEFIX 103 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 Safety Data Sheet.

## SALES AND TECHNICAL SERVICES

### **PROSPAQ GROUP PTE LTD**

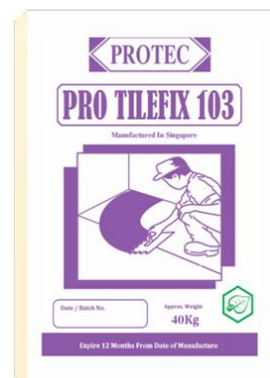
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