

PRO TILEBOND-H ECO

BRAND/PRODUCT NAME

PRO TILEBOND-H ECO
POLYMER MODIFIED TILE ADHESIVE (C2TES1)

MANUFACTURER

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PRODUCT DESCRIPTION

PRO TILEBOND-H ECO is an environmentally friendly cementitious adhesive mortar comprising of Portland Cement, sand and special adhesive chemicals. **PRO TILEBOND-H ECO** have excellent flexural strength and is anti-resistant. It is an improved formulation to have extended open time and highly deformable tile adhesive that suitable for wet or dry areas and interior or exterior applications. It allows tiling application that require deep layer up to 30mm.

ADVANTAGES

- Factory blended pre-packed ensures high quality product
- Easy mixing and application
- Excellent adhesion strength
- High quality tile adhesive with excellent workability and extended open time
- Economical – saves time, labour and money
- High performance

USES

PRO TILEBOND-H ECO is ideal for tiling uneven substrates and tiles with deep recessed backs, large ceramic tiles, as it allows proper contact of the adhesive to the substrate. It designed to use for bonding glazed and unglazed ceramic tile, glazed wall tile, quarry tile, stone, marble, thin brick, blocks and cement tiles to properly prepared substrate.

INSTALLATION

Surface Preparation

Surfaces receiving **PRO TILEBOND-H 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 swept off stagnant water prior to application.

Mixing

Place approximate 6 to 7 litres of clean potable water in a clean mixing pail and gradually add one bag of 25kg **PRO TILEBOND-H ECO**. Mix with hand held mechanical mixer for approximately 3-5 minutes to a homogenous lump-free consistency.

Alternatively, use bonding Agent **PRO BOND 202** to replace water to enhance the adhesion strength and effectiveness for fixing large flat-base tiles and existing glazed surfaces.

Application

Use a notched trowel and applied 20mm onto prepared substrate. Properly fill up voids and grove. Continue to apply mixture for to required thickness onto initial placement and the back face of the tiles using buttering method.

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

For tiling areas over movement joints, the joint should go right through the tile and adhesive bed.

PACKAGING

PRO TILEBOND-H ECO comes in 25kg bag.

TECHNICAL DATA

Performance Properties:

| TEST/TEST METHOD | RESULTS |
|---|---|
| Tensile Adhesion Strength 1. 28 days 1. Water Immersion 2. Heat Ageing BS EN 1348 : 2007 | ≥ 1.0 N/mm ² 1.1 N/mm ² 1.0 N/mm ² |
| Open Time (30 mins) BS EN 1346 : 2007 | > 0.5 N/mm ² |
| Pot Life | Approximate 2 hours Shorter in high temperature working environment |
| Coverage | 1.40 kg/m ² /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-H 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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