

PROXON TA 1

PROXON TA 1 is a high-performance, polymer-modified tile adhesive for fixing ceramic, vitrified, marble, and stone tiles.



What

PROXON TA 1 is a cement-based, polymer-modified, water-resistant tile adhesive for thin or thick bed fixing of ceramic, vitrified, marble, terrazzo, quarry, and sandstone tiles on walls and floors.

Why?

- Thin or thick
- Excellent substrate adhesion
- Permanent water resistance
- Internal external use
- Damp condition bonding
- Easy, economical application

Usage

Suitable for fixing ceramic, vitrified, terrazzo, quarry, marble, and sandstone tiles on both wall and floor surfaces. Ideal for interior and exterior applications, ensuring strong adhesion and long-lasting performance across various tile types.

How to use?

- Surface must clean
- Remove loose materials
- Use bonding slurry
- Apply on concrete
- Mix with water
- Tile after drying

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Application

Surface Preparation:

All surfaces receiving **PROXON TA 1** must be sound and clean, free of grease, dust, loose mortar, wallpaper, or paint. Non-porous surfaces should be cleaned with water. Remove hollow or loose finishes and repair with **PROXON SBR**-modified mortar over bonding slurry (1:1 cement:PROXON SBR). Ensure tile backs are clean.

Substrates:

Apply over concrete, cement screed, or lime mortar. For gypsum surfaces, prime with **PROXON SBR** Super. Let new substrates cure for 28 days. For existing tiles, fill joints, ensure solid adhesion, and replace any loose tiles.

Mixing:

Mix 25kg of **PROXON TA 1** with 5–6L clean water (4–5L for 20kg). Allow to rest for 5 mins before use. Use mechanical mixer; hand mix only for small batches.

Application:

Spread 3–6mm adhesive evenly. Use solid bed method for floors, and notched trowel (6mm) for walls. Place tiles, adjust within 10–15 mins.

Grouting & Joints:

Grout after 24 hours. Maintain expansion joints as per architectural guidelines.

Coverage

For solid bed fixing, apply **PROXON TA 1** at 3mm–6mm depth, requiring approximately 5.5–11kg/m². On smooth surfaces using a notched trowel, the coverage is around 2kg/m².

Packing

Grey – 25kg Bag & White – 20kg Bag

Shelf life

PROXON TA 1 has a shelf life of 12 months when stored in unopened packs under dry conditions, protected from moisture, wind, and rain.

Safety Measures

PROXON TA 1 contains no hazardous substances but avoid contact with skin and eyes. Wear gloves and goggles. In case of contact, rinse with warm water. If swallowed, seek medical help. Refer to MSDS for details.

Physical Properties

Pot life	3hours@25°C
Aspect	Grey/White Powder
Density	1.8gm/cc

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Flash point	Not applicable
Std. conforms to	BS 5980-1980, (DINEN 12004-2001) ANSI A. 118.4-when mixed with Mixtile Latextra
Adhesion to concrete	1.35N/mm ² (BS 5980; 14 days)
Shear adhesion	12.5N/mm ² (BS 5980; 14 days)

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