

Description

EasyFix TileBond Pro is a polymer-modified, high-performance cement-based adhesive, specially designed for large-format tiles and demanding applications. It offers superior adhesion, extended open time, and excellent slip resistance, making it ideal for heavy-duty installations indoors and outdoors.

Features

- High bond strength (C2 classification)
- Extended open time (E) for flexibility during installation
- Thixotropic & anti-slip formula (T) for vertical applications
- Suitable for large-format tiles and porcelain/vitrified tiles
- Indoor & outdoor use, including swimming pools and high-traffic areas

Areas of Application

- Large-format ceramic, porcelain, and vitrified tiles
- High-traffic commercial floors, façades, and external areas
- Wet areas: bathrooms, kitchens, swimming pools
- Heavy-duty wall and floor tiling

Compliance / Standards

- EN 12004: C2TE (improved cementitious adhesive, slip resistant, extended open time)
- ISO 13007-1 classification

Limitations

- Not suitable for fixing glass, mosaics or metal tiles
- Suitable for fixing ceramic and porcelain tiles on floor and walls;
large format tiles can be installed with proper application techniques such as back-buttering and full adhesive coverage
- Not recommended for wooden substrates or flexible bases
- Substrate must be fully cured before application
- Avoid direct application over weak or friable surfaces

Direction Of Application

Substrate Preparation

- Substrate must be clean, flat, and strong
- Correct surface irregularities before tiling
- Dampen porous substrates prior to application

Mixing

- Water : Powder = 4.4 – 5.0 L : 20 kg
(22% to 25% by weight of TileBond Pro)
- Mix mechanically until smooth. Allow to rest 5 min before re-mixing

Application

- Spread adhesive with notched trowel (2–10 mm bed)
- For tiles bigger than 250 x 250 mm, back-buttering recommended
- Do not apply more than 1 m² at a time

Tile Installation

- Firmly press tiles into adhesive with sliding/tapping action
- Adjust within 10–20 min
- Avoid traffic for 24 hrs

Grouting

- Wait 24–48 hours before grouting

Technical Performance Data (Typical)

Property	Requirement (EN 12004 C2TE)	EasyFix TileBond Pro (C2TE)
Initial tensile adhesion strength	≥ 1 N/mm ²	1.2 N/mm ²
Tensile adhesion after water immersion	≥ 1 N/mm ²	1.1 N/mm ²
Tensile adhesion after heat ageing	≥ 1 N/mm ²	1.2 N/mm ²
Tensile adhesion after freeze-thaw	≥ 1 N/mm ²	1.0 N/mm ²
Open time adhesion (20 min)	≥ 0.5 N/mm ²	0.7 N/mm ²
Slip resistance	≤ 0.5 mm	Slip: < 0.5 mm (No slip observed)

Coverage

Usage rate per bag (20Kg) for each size of towel		Approximate area
3x3 mm.		7-8 sqm
6x6 mm.		5-6 sqm
10x10 mm.		2-3 sqm

Above values depend on concrete substrate condition thickness and application method.

Technical Performance Data (Typical Values)

Substrate Type	Terracotta	Ceramic Tiles	Ceramic Mosaic	Quarry Tile	Vitrified Tile	Marble Mosaic	Natural Stone	Porcelain Tiles	Precast Terrazzo
Cement-based screeds & mortars	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cement-based plasters/ renders	✓	✓	✓	✓	✓	✓	✓	✓	✓
Existing floor	✓	✓	✓	✓	✓	✓	✓	✓	✓
Concrete masonry	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cement terrazzo	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blocks	✓	✓	✓	✓	✓	✓	✓	✓	✓
Self-levelling screeds	✓	✓	✓	✓	✓	✓	✓	✓	✓
Brick masonry	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tile on Tile (ceramic tile only)	✖	✖	✖	✖	✖	✓	✓	✖	✖
Vitrified tile / Stone	✓ (after suitability test)	✓	✓	✓	✓	✓	✓	✓	✓

✓=Suitable / Compatible.

✖=Not recommended / Not Compatible.

◆=Suitable with special preparation(usually primer,slurry bond coat,or C2/S1 adhesive).

Technical Data

Adjustable Time, min	20mins (at 25°C)
Pot Life, hour	2-3 hours (at 25°C)
Open time, min	30 mins (at 25°C)
Recommended Tile Adhesive, Thickness, mm	2-10mm (depends on Notch Trowel Size)
Waiting Time before Grouting, hour	24-48 hour

Product Details

Appearance	:	Grey Powder
Bulk density	:	~1.45 g/cm³
Mix density	:	~1.80 g/cm³
Pot life	:	2-3 hrs
Open time	:	30 min
Adjustment time	:	20 min

Packaging

20 Kg/bag.

Storage & Shelf Life

12 months. Store in unopened bags, in a dry and well-ventilated location. Protect from humidity.

Hazards identification

May cause skin irritation and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

Precautionary statements

Avoid breathing dust. Wash thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ faceprotection.

IF ON SKIN: Wash with plenty of soap and water. May cause skin irritation and eye damage. May cause an allergic skin reaction.

May cause respiratory irritation. IF IN EYES: Rinse cautiously with water for several minutes.



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