

Tile Fix (Economy Grade)

This economy-grade tile adhesive is a polymer-modified cementitious powder designed for a reliable and affordable installation of ceramics. It is the perfect solution for cost-sensitive residential and commercial projects with standard requirements.



Product Description

A cement-based, polymer-modified adhesive in powder form, designed for the economical, internal fixing of ceramic and mosaic tiles on floor substrates. This product meets the requirements for a Class C1 adhesive according to EN 12004.

Note: This product is not formulated or tested for wall applications.

FIELDS OF APPLICATION

- **Application:** Internal floors only.
- **Tile Types:** Ceramic floor tiles, quarry tiles, mosaic tiles (non-sensitive types, mounted on mesh).
- **Tile Sizes:** Recommended for tiles up to 30x30 cm.
- **Substrates:** Internally on stable, solid, and rigid floor substrates such as:
 - o Cement-based screeds (must be fully cured).
 - o Concrete slabs.
 - o Existing ceramic tile floors (if sound, clean, and primed).

TECHNICAL DATA (in accordance with EN 12004:2007+A1:2012)

Property	Standard /Requirement	Test Result	Test Method
Consistency	-	Fluid paste, good workability	-
Pot Life	-	~ 4 hours at 23°C	-
Open Time	≥ 20 minutes	~ 20 minutes	EN 1346
Adjustment Time	≥ 15 minutes	~ 15 minutes	EN 1346
Slip	≤ 0.5 mm	0.3 mm	EN 1308
Initial Adhesion	-	≥ 0.5 N/mm ²	EN 1348
Adhesion after Water Immersion	≥ 0.5 N/mm ²	≥ 0.5 N/mm ²	EN 1348

TECHNICAL DATA (in accordance with EN 12004:2007+A1:2012)

Property	Standard /Requirement	Test Result	Test Method
Adhesion after Heat Aging EN 1348		$\geq 0.5 \text{ N/mm}^2$	$\geq 0.5 \text{ N/mm}^2$
Adhesion after Freeze- Thaw Cycle	$\geq 0.5 \text{ N/mm}^2$	$\geq 0.5 \text{ N/mm}^2$	EN 1348

C1: Cementitious adhesive of normal strength.

APPLICATION GUIDELINES

1. Substrate Preparation

- The floor must be structurally sound, rigid, and free from deflection.
- Must be clean, free from dust, laitance, grease, and any contaminant that would prevent adhesion.
- Surface regularity must be suitable for tiling (typically $\leq 3\text{mm}$ deviation under a 2m straightedge).
- Absorbent substrates should be primed with a suitable primer.

2. Mixing

- **Water:** Use clean, cool potable water.
- **Mixing Ratio:** Add approximately 5.0 - 5.5 liters of water per 20 kg bag.
- **Procedure:** Pour the powder into the water and mix mechanically to a smooth, lump-free consistency. Let it slake (rest) for 5-10 minutes, then remix briefly. Do not retemper with water.

3. Application on Floors

- Apply with a notched trowel (recommended notch size: 8-10 mm for floors).
- Apply adhesive to a manageable area within the open time (20 minutes).
- Press tiles firmly into the adhesive with a slight twisting motion, ensuring full bedding.
- Use a rubber mallet and a beating block for larger tiles to ensure a level surface and full coverage.

4. Coverage Rate

- Approx. **4.0 - 4.5 kg/m²** when using a 10 mm notched trowel.
- A 20 kg bag covers approximately **4.5 - 5.0 m²**.

5. Curing and Grouting

- **Foot Traffic:** Avoid all foot traffic on the tiled floor for a minimum of **24-48 hours**.
- **Grouting:** Grouting can commence after 48 hours under normal conditions.
- **Full Cure:** Full strength and resistance to heavy loads/impact will be achieved after several days.

For any Further Technical Information including SDS, CE labels and Certificates of conformity don't hesitate to contact our QA/QC Department.
We remain at your disposal.

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LIMITATIONS

- **ABSOLUTELY NOT SUITABLE FOR WALLS.**
- Not for exterior use or areas subject to frost during curing.
- Not for swimming pools, wet rooms (shower floors), or areas with permanent water immersion.
- Not for use on flexible substrates (e.g., wooden floors that deflect), underfloor heating (unless specifically tested and approved), gypsum screeds, or heated floors.
- Do not apply at temperatures below **+5°C** or above **+35°C**.

HANDLING & STORAGE

- **Shelf Life:** 12 months in original, undamaged packaging, stored in a cool, dry place.
- **Safety:** Avoid breathing dust. Wear protective gloves and glasses. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Disclaimer: This is a generic TDS. Always follow the specific manufacturer's instructions on the product packaging. The suitability of the substrate and application method is the responsibility of the installer.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

The user of the product must test the product's suitability for the intended application and purpose. Primer Cy LTD reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations.

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