

UNIFIX C2TES1



Product Description:

Type:

UNIFIX C2TES1 is a premium-grade, polymer-modified cementitious tile adhesive designed for the installation of ceramic, porcelain, large-format tiles, and natural stone. It provides superior adhesion strength, excellent deformability, extended open time, and reduced slip, ensuring reliable performance on both interior and exterior walls and floors. Its enhanced flexibility helps accommodate substrate movement and thermal stresses, making it ideal for demanding applications and challenging service conditions.

Usage:

Suitable for the installation of ceramic tiles, porcelain tiles, large-format tiles, and natural stone on interior and exterior walls and floors. Recommended for residential, commercial, and industrial applications, including balconies, terraces, façades, wet areas, and underfloor heating systems. It can be applied over concrete, cement renders, and cement-based screeds where high adhesion, flexibility, and long-term durability are required.

Key Features:

1. Very high adhesion strength (C2).
2. Reduced slip for vertical applications (T).
3. Extended open time for easier tile installation (E).
4. Excellent flexibility to accommodate substrate movement (S1).
5. Resistant to moisture and weathering.
6. Excellent performance for interior and exterior applications.
7. Easy to mix and apply.
8. Long-lasting durability and crack resistance.

Application Method:

Mix a 20 kg bag with 5.0–6.0 liters of clean water using a low-speed mechanical mixer until a smooth, homogeneous, lump-free mortar is obtained. Allow the mixture to stand for 3–5 minutes, then remix before use. Apply the adhesive using a suitable notched trowel and firmly press the tiles into place to ensure full contact. For large-format tiles and natural stone, the double-buttering method is recommended.

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Product Properties:

Classification:	C2TES1 according to EN 12004
Color	White
Mixing Water	5 – 6 Liters per 20 kg bag
Pot Life	3 – 4 Hours
Open Time	≥ 30 Minutes
Adjustability Time	20 – 30 Minutes
Slip	≤ 0.5 mm
Service Temperature	+5°C to +35°C
Grouting Time	.After 24 Hours
Full Cure	7 - 14 Dayes

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Approximate Consumption:

Consumption depends on the substrate condition, tile size, and trowel notch size, and typically ranges from 3 – 5 kg/m².

Packaging:

20 Kg

Storage and Shelf Life:

- 1- Store the product in its original, tightly closed container in a well-ventilated area away from direct sunlight and heat.
- 2- The product remains valid for 12 months from the date of production.

Safety and Precautions:

- 1- Do not store food inside the empty container.
- 2- Avoid contact with eyes. In case of contact, rinse immediately with water and seek medical advice.

Warranty:

We guarantee the quality of our products as stated in this data sheet, which reflects our extensive experience and the tests conducted on the product..