

TILE ADHESIVES



ADESIFLEX C2TES1

Colour	Packaging	Consumption
White	25 KG	3-5 KG

DESCRIPTION

Cement-based tile adhesive (C) with high flexibility (S1), improved adhesive strength (2), slip resistance (T), and long open time (E). Applied in layers up to 15 mm thick. Classified as adhesive C2TES1 according to standard EN 12004.

APPLICATION FIELD

Suitable for bonding marble tiles, stone tiles, mosaics, glass bricks, and thick tiles on cement-based substrates, for both floors and walls, in indoor and outdoor areas with high humidity. Recommended for façades, terraces, or as with underfloor heating, and environments subject to vibrations or continuous pressure. Also suitable for tile-on-tile applications (in this case, the existing tiles must be stable and immobile), for industrial environments, and for uneven or unstable substrates (due to its high elasticity). Suitable for tile formats from 5 to 200 cm.

SPECIFICATIONS

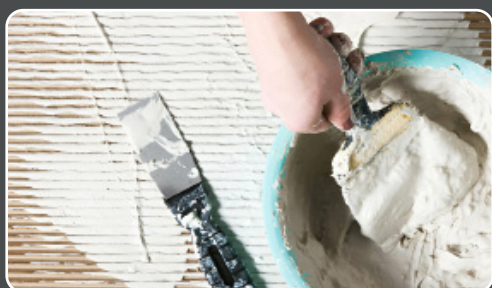
Cement-based adhesive composed of high-quality marble sand with selected granulometry, synthetic resins, and special modified additives. The advanced granulometric distribution technology and special components give this product excellent flexibility and workability, making it ideal for bonding marble, natural stone, granite, mosaics, etc. This adhesive provides a strong and elastic bond, ensuring stability and high performance under various conditions.

MIXING INSTRUCTIONS

Mix 7-7.5 liters of clean water with 25 kg of ADESIFLEX. Stir the mixture using an electric mixer until a smooth, lump-free paste is formed. Let it rest for 10 minutes, then stir again before use. The working time of the mixture is 2-3 hours under normal temperature conditions (23°C).

SURFACE PREPARATION

Cement-based substrates must be stable, solid, and even, free from oil, dirt, and paint residues, and must have completed their curing time. Traditional cement screeds with normal setting time should be left to cure for at least 28 days. Traditional plaster substrates must dry for at least 14 days. Significant unevenness or large cracks must be repaired beforehand. All types of substrates must be mechanically cleaned before applying the product and moistened with water.

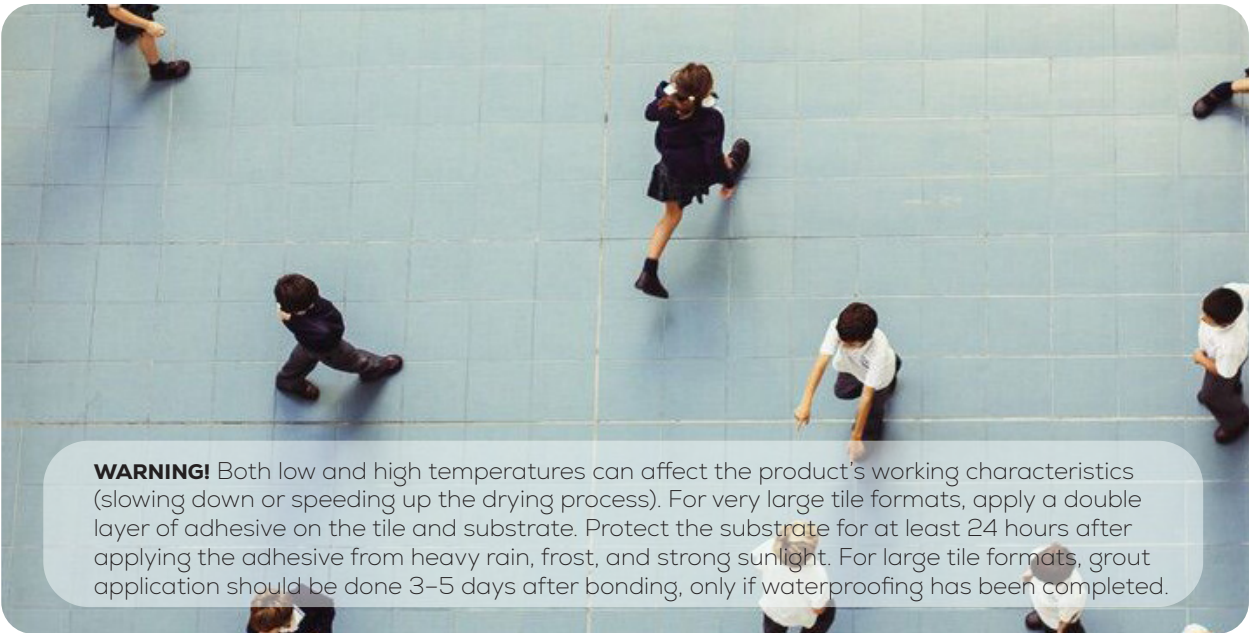
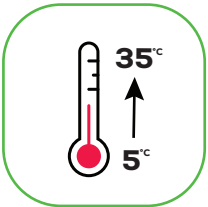
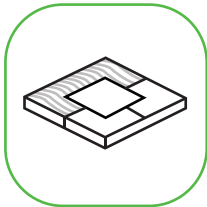


APPLICATION

It is recommended to first spread the product using the smooth side of the trowel to ensure an even distribution, and then use the notched side. Application is done with a suitable trowel depending on the type of tile being laid. Tiles should be placed by applying slight pressure, making sure the entire tile surface is covered with adhesive. The open time of the product under normal conditions is 35 minutes at a temperature of 23°C. Weather conditions may affect the drying time of the product. Care should be taken to ensure that the adhesive does not form a surface film. If it does, the trowel should be passed over the adhesive again. Tiles should not be laid with tight joints. They must be placed in a way that suits their dimensions. A 5 mm gap should be left at the junction between the tiled surface and vertical walls.

TË DHËNAT TEKNIKE

Appearance: Powder	Application Temperature: +5°C to +35°C
Packaging: 25 kg paper bags on 1350 kg pallets	Adjustment time: 35-40 min
Colour: White	Filling of Wall Joints: After 8 to 12 hours
Consumption for small formats: 2-3 kg/m²	Filling of Floor Joints: After 24 hours
Consumption for big formats: 4-5 kg/m²	Walkable: After 24 hours
Storage: Store in dry places on wooden pallets.	Adhesive Strength after 28 days: ≥2 N/mm²
Storage Time: 12 months from the production date	AS After Water Immersion: ≥1.5 N/mm²
Deformability: S1	AS After Heat Aging: ≥2 N/mm²
Reaction to fire: Class E	AS After Freeze-Thaw Cycles: ≥1.5 N/mm²
Water for mixture: 7-7.5 liters of water for 25 kg	AS After 30 min: ≥0,5 N/mm²
pH of mixture: >12	Slip Resistance: ≤0,5 mm
Bulk Density: 1.65 - 1.75 gr/cm³	Compressive Strength: >10 N/mm²



WARNING! Both low and high temperatures can affect the product's working characteristics (slowing down or speeding up the drying process). For very large tile formats, apply a double layer of adhesive on the tile and substrate. Protect the substrate for at least 24 hours after applying the adhesive from heavy rain, frost, and strong sunlight. For large tile formats, grout application should be done 3-5 days after bonding, only if waterproofing has been completed.