

TILE ADHESIVES



STRONGKOLL C2TES1

Colour	Packaging	Consumption
White, Grey	25 KG	3-5 KG

PËRSHKRIM

Cement-based tile adhesive (C) with high flexibility (S1), made from high-quality carbonate and marble sand, synthetic resins, and specific additives, featuring improved adhesive strength (2), slip resistance (T), and long open time (E). It has excellent workability and consistent hardness. Classified as adhesive C2TES1 according to standard **EN 12004**.

FIELD OF APPLICATION

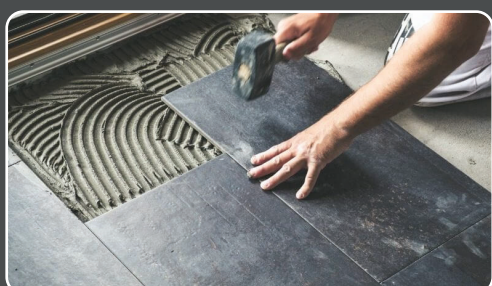
Suitable for bonding ceramic tiles on cement-based substrates, gres-porcelain, klinker, marble, stone tiles, mosaics, low-absorption tiles, thick tiles, for floors and walls, both indoors and outdoors, as well as on waterproofing layers (e.g., Hidrofix II). Recommended for high façades, terraces, areas with underfloor heating, environments subject to vibrations and continuous pressure. Ideal for swimming pools, industrial settings, and wavy substrates (due to its high elasticity and deformability). Suitable for tiles sized 5-300 cm. This adhesive provides an elastic and durable bond, ensuring high performance even under challenging conditions.

MIXING INSTRUCTIONS

Mix 7-7.5 liters of clean water with 25 kg of STRONGKOLL. Stir the mixture with an electric mixer until a smooth, lump free consistency 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 (20°C).

SUBSTRATE PREPARATION

Cement-based substrates must be stable, strong, and even, free of oils, dirt, and paint residues, and must have completed their curing time. Typically, traditional cement screeds with normal curing time should have a curing period of at least 28 days, and traditional plaster substrates must dry for at least 14 days. Large unevenness or major cracks must be repaired beforehand. All types of substrates must be mechanically cleaned before applying the product. Before applying the product, the substrate surface should be moistened to ensure better adhesion.

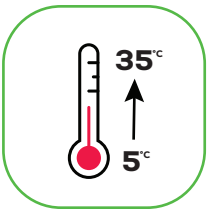
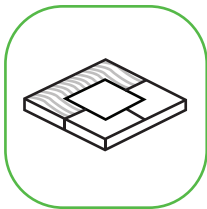


APPLICATION

It is recommended to first spread the product with the smooth side of the trowel to ensure an even distribution, 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 atmospheric conditions is 35–40 minutes at 23°C. Weather conditions can 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 butt joints. They must be placed in a way that suits their dimensions.

TË DHËNAT TEKNIKE

Appearance: Powder	Filling of Wall Joints: After 8 to 12 hours
Packaging: 25 kg paper bags on 1350 kg pallets	Filling of Floor Joints: After 24 hours
Colour: White, Grey	Walkable: After 24 hours
Consumption for small formats: 2-3 kg/m ²	Adhesive Strength after 28 days: ≥2 N/mm ²
Consumption for big formats: 4-5 kg/m ²	AS After Water Immersion: ≥1.5 N/mm ²
Storage: Store in dry areas on wooden pallets	AS After Heat Aging: ≥ 2N/mm ²
Bulk Density: 1.6-1.75gr/cm ³	Deformability: 2.5 mm
Water for mixture: 7-8 liters of water for 25 kg	AS After Freeze-Thaw Cycles: ≥1.5 N/mm ²
pH for mixture: 13	AS After 30 min: 0.5 N/mm ²
Application Temperature: +5°C to +35°C	Slip Resistance: ≤0,5 mm
Adjustment time: 35-40 min	Reaction to fire: Class E



WARNING! Both low and high temperatures can affect the product's working properties (slowing down or speeding up the drying process). For very large tile formats, apply a double layer of adhesive on both the tile and the 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.