

TILE ADHESIVES



VERTIKOLL C1TE

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

TILE ADHESIVE – C1TE

Cement-based tile adhesive (C) with normal adhesive strength (I), slip resistance (T), and extended open time (E). It is characterized by excellent workability, good moisture resistance, optimal adjustment time, and consistent hardness. Classified as C1TE adhesive according to **EN 12004** standard.

FIELD OF APPLICATION

- Suitable for bonding **ceramic and porcelain stoneware tiles on cement-based walls and floors.**
- Applicable for indoor and outdoor environments.
- Recommended for tiles with dimensions from 5 to 60 cm.

MIXING METHOD

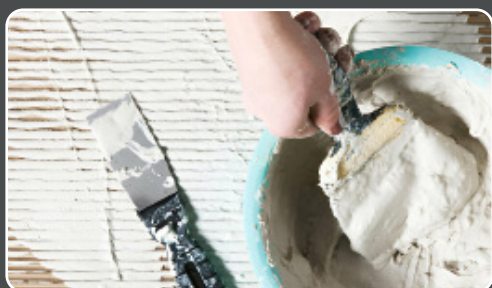
Mix 6–6.5 liters of clean water with 25 kg of Vertikoll. Stir the mixture using an electric mixer until a smooth, lump-free mass is formed. Let it rest for 10 minutes, then mix again before use. The workable time of the mixture is 2–3 hours.

SUBSTRATE PREPARATION

All types of cement-based substrates must be cleaned thoroughly before applying the product. The substrate may contain impurities such as dust, oils, or other residues that negatively affect the adhesive strength of the product. Cleaning can be done mechanically. Before applying the product, the substrate surface should be sprayed with water to ensure better adhesion and to achieve optimal working time.

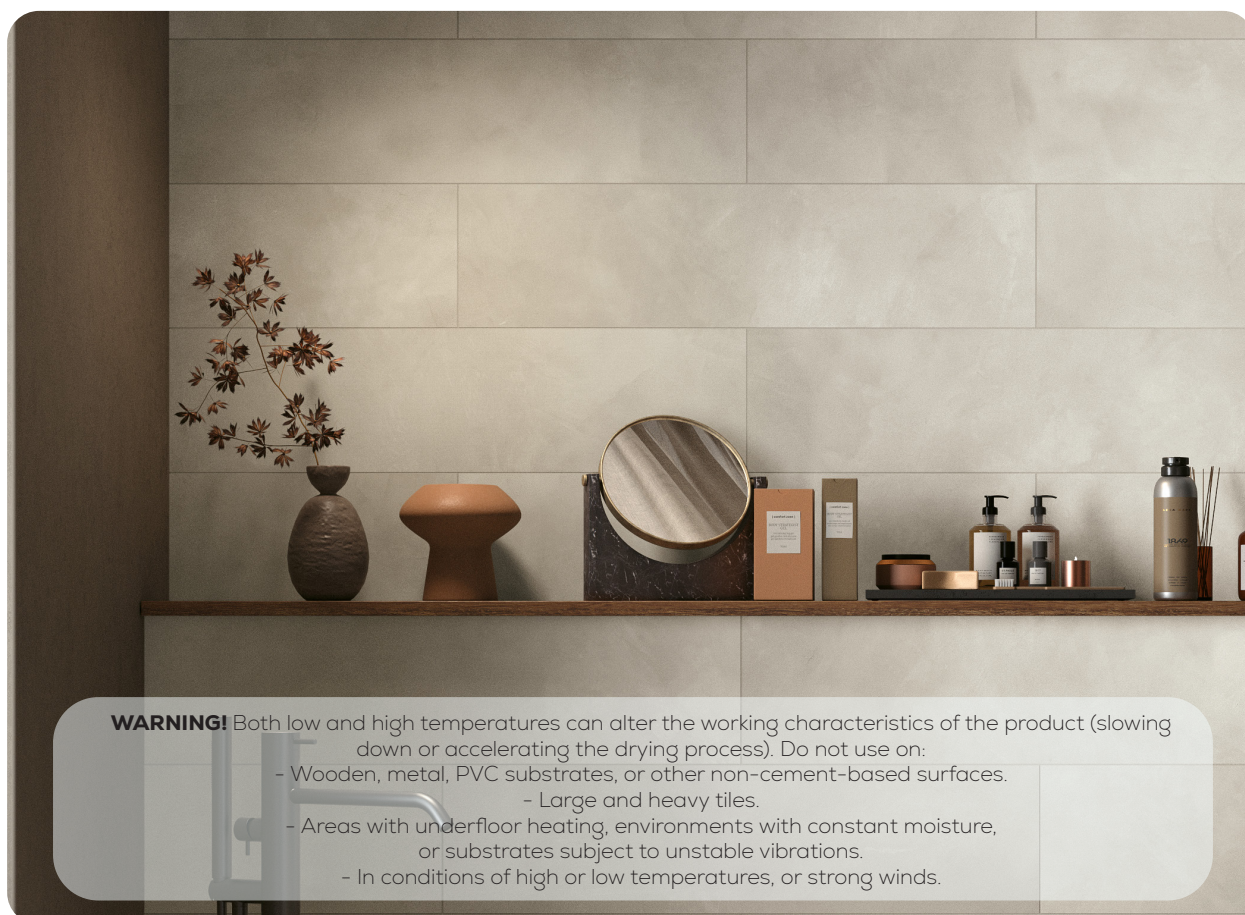
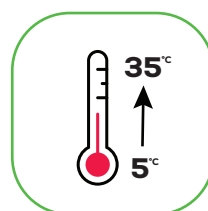
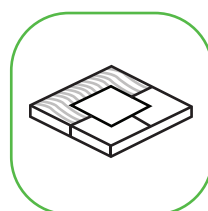
APPLICATION

Initially, the product is recommended to be spread with the flat side of the trowel for an even distribution, and then with the notched side. Application is done using an appropriate trowel depending on the type of tile being installed. Tiles are placed by applying slight pressure to ensure the tile is fully covered with adhesive across the entire surface. Consumption is 3–5 kg/m², depending on the size of the notched trowel and the type of substrate.



TECHNICAL DATA

| | |
|---|---|
| Appearance: Powder | Adjustment time: 30 min |
| Packaging: Paper bag 25 kg, on pallets of 1350 kg | Filling of Wall Joints: After 8 to 12 hours |
| Colour: White, Grey | Filling of Floor Joints: After 24 hours |
| Consumption: 3-5 kg/m ² | Walkable: After 24 hours |
| Storage: Store in dry places on wooden pallets | Adhesive strength after 28 days: $\geq 0,5 \text{ N/mm}^2$ |
| Storage Time: 12 months from production date | AS after water immersion: $\geq 0,5 \text{ N/mm}^2$ |
| Bulk Density: 1.5-1.6 gr/cm ³ | AS after reaction to heating: $\geq 0,5 \text{ N/mm}^2$ |
| Reaksioni ndaj zjarrit: Klasa A1 | AS after freeze-thaw cycles: $\geq 0,5 \text{ N/mm}^2$ |
| Water for mixture: 6-6.5 liters of water for 25 kg | AS after 20 min: $\geq 0,5 \text{ N/mm}^2$ |
| pH of mixture: 13 | Slip Resistance: $\geq 0,5 \text{ mm}$ |
| Temperature of application: +5°C to +35°C | |



WARNING! Both low and high temperatures can alter the working characteristics of the product (slowing down or accelerating the drying process). Do not use on:

- Wooden, metal, PVC substrates, or other non-cement-based surfaces.
- Large and heavy tiles.
- Areas with underfloor heating, environments with constant moisture, or substrates subject to unstable vibrations.
- In conditions of high or low temperatures, or strong winds.