

# TILE ADHESIVES



## E-MIX C1E

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

### CEMENT-BASED TILE ADHESIVE – C1E

Cement-based tile adhesive with normal adhesive strength (C1) and extended open time (E). It is characterized by excellent workability, good moisture resistance, and consistent strength. Classified as a C1E adhesive according to the EN 12004 standard.

### APPLICATION FIELD

- Suitable for bonding ceramic floor tiles with a cement-based adhesive in indoor environments.
- Consumption: 3–5 kg/m<sup>2</sup>, depending on the notched trowel size and type of substrate.
- Recommended for tiles with dimensions from 5 to 30 cm.

### MIXING INSTRUCTIONS

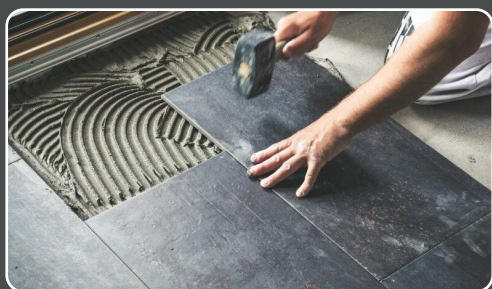
Mix 6–6.5 liters of clean water with 25 kg of E-Mix. Stir the mixture using an electric mixer until a smooth, lump-free mass is formed. Let it rest for 10 minutes, then mix again before use. The workable time of the mixture is 2–3 hours.

### SUBSTRATE PREPARATION

All types of cement-based substrates must be cleaned beforehand before applying the product. The substrate may contain impurities such as dust, oils, or various residues that negatively affect the adhesive's bonding strength. Cleaning can be done mechanically using a broom, vacuum cleaner, etc.

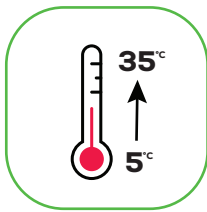
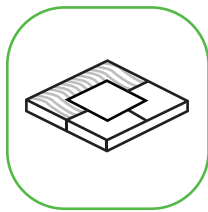
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TECHNICAL DATA

|   |  |
|---|--|
| <b>Appearance:</b> Powder                                 | <b>Application Temperature:</b> +5°C to 35°C       |
| <b>Packaging:</b> Paper bag 25 kg, on pallets of 1350 kg  | <b>Adjustment Time:</b> 30 min                     |
| <b>Colour:</b> White, Grey                                | <b>Filling of Wall Joints:</b> After 8 to 12 hours |
| <b>Consumption:</b> 3-5 kg/m2                             | <b>Filling of Floor Joints:</b> After 24 hours     |
| <b>Storage:</b> Store in dry places on wooden pallets     | <b>Walkable:</b> After 24 hours                    |
| <b>Storage Time:</b> 12 months from the production date   | <b>Adhesive strength after 28 days:</b> ≥0,5 N/mm2 |
| <b>Bulk Density:</b> 1.5-1.6 gr/cm3                       | <b>AS after water immersion:</b> ≥0,5 N/mm2        |
| <b>Reaction from fire:</b> Class A1                       | <b>AS after reaction to heating:</b> ≥0,5 N/mm2    |
| <b>Water for Mixture:</b> 6-6.5 liters of water for 25 kg | <b>AS after freeze-thaw cycles:</b> ≥0,5 N/mm2     |
| <b>pH of Mixture:</b> 13                                  | <b>AS after 20 min:</b> ≥0,5 N/mm2                 |



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

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