



Tile Adhesive C1TE

Product Description

Tile Adhesive C1TE is a ready to use, cement base mortar, easily applied to all concrete surfaces that meets the European standard EN 120004/C1, EN 12004/C1T. It is specially formulated from Portland cement, selected fine aggregates with some additives to improve its properties for laying tiles. It is suitable for use on walls and floors for both exterior and interior building surfaces.

Features and benefits

- Easy to apply.
- Excellent adhesion.
- Excellent slip resistance.
- Can be used for floors and walls.
- Excellent open time, tiles can be adjusted up to 30 minutes after application.
- Can give up to 1 cm layer thickness without cracking.

Typical use

- Mounting and laying of tiles, marble, clinkers and mosaic.
- Fixing tiles on the walls and floors.

Substrate

Plaster, concrete, block work, cement board, etc....

Product Data

Packaging size	25 Kg
Form	Powder
Colors	White
Powder Density	1.60 – 1.80 g/cm ³
Slurry Density	1.70 – 1.90 g/cm ³
Slip Resistance	< 0.5 mm
Pull off Strength	≥ 0.5 MPa
Open Time	> 30 min
Adjustment Time	45 min

Application data

The product can be applied by

Notched trowel Recommended



Cleaning of painting tools

Immediate cleaning with water is necessary.

Film Thickness per coat

Dry film thickness 2 mm - 5 mm

Theoretical spreading rate 6 m²/pack - 8 m²/pack

Spreading rates depending on the conditions of the substrate and the type of tile used.

Thinner (solvent to mix with)

Water

Dilution (Mix Ratio)

Tile Adhesive C1T is provided in powder form, for manual mixing, pour 1 part of pure water in a clean empty container then add 4 parts of Tile Adhesive C1T (ratio of 1:4).

Conditions during application

Do not apply if the temperature is below 5°C and not more than 40°C. For ambient air temperature > 30°C continuous humidification (spraying water mist) is required before and during application. Avoid working under direct sunlight.

Directions for use

Surface preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Surface must be moistened with water before applying the mixture, especially old surfaces.

Recommended Paint System

Number of coats:

One coat, apply with notched trowel then fix the tile. Proceed to apply while the adhesive is still wet. Some types of tiles need to be immersed prior to apply.

Storage

- Store in cool, dry place in a well-sealed container away from moist air for 6 months.
- Keep away from heat, ignition sources and from children.

Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children.



Health and safety

Possible Hazards: it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.