

Tile Adhesive C2TE

Product Description

Tile Adhesive C2TE is an improved cementitious tile adhesive with slip resistance and extended open time characteristics that meets the European standard BS EN 12004 and ISO 13007-1. Product with very low volatile organic compound emission rate and suitable for places submerged in water.

Features and benefits

- Easily workable and to apply.
- Ready mixed, just requires addition of water.
- High bond strength.
- Excellent slip resistance.
- Can be used for floors and walls.
- Can be used on Interior or exterior surfaces.
- Extended open time, tiles can be adjusted up to 30 minutes after application.

Typical use

- For permanent fixing of all types of ceramic, porcelain and other non-porous tiles on submerged condition such as swimming pools, fountains and potable water tank.
- Highly recommended for bathrooms, kitchens and other wet areas.
- Excellent for exterior applications.

Substrate

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

Product Data

Packaging size	25 Kg
Form	Powder
Color	White
Powder Density	1.60 – 1.70 g/cm ³
Slurry Density	1.70 – 1.80 g/cm ³
Slip Resistance	< 0.5 mm
Pull off Strength	≥ 1 MPa
Open Time	> 30 min
Adjustment Time	45 min
VOC	<1 g/L



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

Consumption/Yield 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 C2TE is provided in powder form, for manual mixing, pour 7.5 L of pure water in a clean empty container then add 25 Kg of Tile Adhesive C2TE, ratio of 1:3.

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 24 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.