

Uniguard Tile Adhesive C2TE S2

Product Description

Uniguard Tile Adhesive C2TE S2 is a high-performance, highly deformable, one component, cementitious tile adhesive formulated for improved adhesion strength, flexibility, and resistance to movement. Suitable for bonding a wide range of tiles, including ceramics, porcelain, and natural stone, on both interior and exterior surfaces. The product is classified as S2 in accordance with FN12004.

Features and benefits

- Low viscosity, therefore easily workable.
- Highly thixotropic.
- Water and weather resistant: suitable for areas exposed to water and varying weather conditions.
- Flexible and highly deformable to accommodates structural movement and thermal changes.
- Perfect adherence to all materials normally used in building.
- Extended open time which allows for more working time during instillation.
- Can be used internally and externally.

Typical use

- Suitable for use with large variety of tiles including ceramic, porcelain and natural stone
 tiles
- Excellent workability and non-slip properties, ideal for fixing large format tiles.
- Suitable for wet and dry areas, including bathrooms, kitchens, and swimming pools.

Powder

Substrate

Form

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

Product Data

Packaging size 25 Kg

Colors White

Powder Density $0.90 - 1.00 \text{ g/cm}^3$

Mixed Density $1.10 - 1.15 \text{ g/cm}^3$

Slip Resistance < 0.5mm

Pull off Strength ≥ 1 MPa

Open Time ≥ 30 minutes

Deformability ≥ 5 mm





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 5 mm

Theoretical spreading rate 6 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)

Uniguard Tile Adhesive C2TE S2 is provided in powder form, for manual mixing, pour 1 part of pure water in a clean empty container then add 3 parts of powder (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 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 12 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.