



Vetoset CA547

Polymer modified water resistant adhesive for fixing pool, fountain & water tank tiles.

Uses

- For use in all types of tiles for water tanks, swimming pools, fountains, and submerged conditions.
- Tiling on smooth concrete surfaces, lightweight bricks, blocks, plasterboards.
- Tiling on wall surfaces that are plastered with Saveto products.

Product Description

Vetoset CA547 is a cementitious mortar adhesive composed of hydraulic binders, selected aggregates, and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce easily workable mortar. Vetoset CA547 is suitable for dry-set fixing mortar, particularly for pool, fountain & water tank ceramic wall & floor tiles. Vetoset CA547 is applied in thickness from 3mm to 10mm, depending upon the substrate's type of tiles and quality.

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of usage.
- Superior bond in wet & immersed water conditions.
- Easy tile installation that enables high productivity.
- Superior workability.
- Excellent Adhesion on a variety of tiles available in the local market.
- Suitable for internal & external applications.
- Suitable for dry & wet conditions.
- Suitable for horizontal & vertical surfaces.

Standards Compliance

- BS:EN 12004 as C2TE S1
- ISO 13007

Technical Data

| Vetoset CA547 | Typical Values @ 25°C |
|---|-----------------------|
| Appearance | White Powder |
| Aggregate Size | 1.35 max |
| Application Thickness | 3 to 10 mm |
| Open Time | 30 minutes |
| Adjustability | 10 - 15 minutes |
| VOC | < 25 gm/Liter |
| EN12004 Classification | C2TE S1 |
| Compressive Strength @ 28 day (ASTM C109) | ≥ 7.5 MPa |
| Flexural Strength @ 28 day (ASTM C348) | ≥ 2.5 MPa |
| Tensile Adhesion (Bond Strength) @ 28 day (EN 1348) | ≥ 1.2 MPa |
| Mixed Density | 1.35 kg/liter ± 0.1kg |
| Minimum application temperature | 5°C |

Usage Instructions

Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt, curing compound, etc.

Wet all surfaces with clean water before the application of Vetoset CA547. The surface should appear damp with no water pooling.

Mixing

For the preparation of mortar adhesive, pour into a container 5.4 - 6.4 liters of water for each 20Kg bag of Vetoset CA547. Add the powder to the water and mix with a low speed electric drill fitted with a suitable paddle for 3-4 minutes until achieving a uniform, lump-free consistency. Allow the mixed material to stand for about 10 minutes and briefly remix without adding extra water.

Blend Vetoset CA547 manually for small quantities and maintain the correct amount of powder to water.

If required, add 0.5 Ltr of Saveto Bond 2 to the mixing water, followed by powder's addition. Use the mixed material within 2 hours.

Do not add water to the mixture once the mortar adhesive starts to harden.

Application

Spread the mixed Vetoset CA547 mortar adhesive and firmly press it onto the surface that will be tiled; work with a notched trowel. Spread the mortar adhesive to an area that can be tiled within 10 -15 minutes.

Place the tiles onto the fresh adhesive mortar and firmly press them with a slight twist; immediately knock them into the desired position. Adjust the position of the tiles, if required, within its adjustability time of 10-15 minutes after installation.

Mortar adhesive must not rise between the tile joints higher than halfway the thickness of the tiles.

Allow the installed tiles to remain undisturbed for at least 48 hours.

It is recommended to use Vetofill CG552 for filling the joint gaps after 2 days of tile installation.

Cleaning

Clean tools and equipment with water immediately after use. Remove the hardened material using mechanical means.

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

| Product | Pack Size | Coverage |
|---------------|-----------|---|
| Vetoset CA547 | 20 Kg Bag | 4.0 – 5.5 m ² /20Kg bag @ 3mm notched trowel |

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastages.

Shelf Life & Storage

The original sealed bag of Vetoset CA547 has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

Health & Safety

Vetoset CA547 is highly alkaline therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be washed with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advice.

Vetoset CA547 is non-flammable.

For further information, please refer to the material safety data sheet.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Waterproofing Systems.
- Concrete Repairs & Grouts.
- Flooring Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tiling Systems
- Primers & Ancillary Products.
- Thermal Insulation Systems.
- Protective Coatings.
- Accessories.

For further information on these products and systems kindly check our website or contact your local Saveto representative.