



Vetoset CA547

Polymer-modified and water-resistant adhesive (for tile fixing in pools, fountains, and water tanks)

Uses

- With all types of tiles in water tanks, swimming pools, fountains, and other submerged areas.
- Tiling on smooth concrete surfaces, lightweight bricks, blocks, & plasterboards.
- Tiling on wall surfaces (that are plastered with Vetonit products).

Product Description

Vetoset CA547 is a cementitious adhesive with improved characteristics, slip resistance, extended open time, and special deformability. It is composed of hydraulic binders, selected aggregates, and special additives. The product is supplied as a dry powder in pre-weighed bags, ready for on-site use, requiring only the addition of clean water to produce an easily workable mortar. Vetoset CA547 is suitable for dry-set fixing mortar, particularly for ceramic wall and floor tiles in pools, fountains, and water tanks. It is applied in thicknesses ranging from 3 mm to 10 mm, depending on the type of tiles and the substrate quality.

Advantages

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

Standards Compliance

- BS EN 12004-1 as C2 T S1
- SASO ISO 13007 AS C2 T S1

Technical Data

Vetoset CA547	Typical Values @ 25°C
Appearance	White Powder
Aggregate Size (mm)	1.35 max
Wet Density (kg/liter)	1.5 Approx.
Application Thickness (mm)	3 - 10
Pot Life (Hours)	2.5
Tensile Adhesion Strength @ 28 day (EN 1348) (N/mm ²)	≥ 1.2
Tensile Adhesion Strength after water immersion (N/mm ²)	≥ 1.1
Tensile Adhesion Strength after Heat Aging (N/mm ²)	≥ 1.0
Tensile Adhesion Strength after Freeze-Thaw cycle (N/mm ²)	≥ 1.0
Slip Resistance (mm)	< 0.25
Open Time @ 20 min (N/mm ²)	≥ 0.5
Adjustability (Minutes)	10 - 15
Deformability (mm)	3
VOC (gm/liter)	< 25
Minimum Application Temperature (°C)	5

Usage Instructions

Surface Preparation

The surface should be sound, clean, and free from loose material, grease, laitance, dirt, curing compounds, etc. Wet all surfaces with clean water before applying Vetoset CA547. The surface should appear damp with no water pooling.

Mixing

To prepare a mortar adhesive from Vetoset CA547, pour 5.4 - 6.6 liters of water (for each 20 kg bag) into a container. Add the powder to the water then mix with a low-speed electric drill fitted with a suitable paddle until a uniform and lump-free consistency is achieved.

Allow the mixed material to stand for about 10 minutes then remix briefly without adding more water.

You can mix Vetoset CA547 manually (for small quantities), however, you must maintain the correct ratio of powder:water. If required, add 0.5 Ltr. of Saveto Bond 2 to the mixing water, then add the powder. Use the mixed material within 2 hours. Do NOT add water to the mixture once the mortar adhesive begins to harden.

Application

Using a notched trowel, spread the mixed Vetoset CA547 mortar adhesive and firmly press it onto the surface. (Spread the mortar adhesive to an area that can be tiled within 10 minutes).

Place the tiles onto the fresh adhesive mortar and press them firmly with a slight twist then knock them immediately into the desired position. (You can adjust the position of the tiles within the adjustability time of 10 - 15 minutes after installation).

The mortar adhesive **should not** rise between the tile joints higher than half the thickness of the tiles. Allow the installed tiles to remain undisturbed for at least 48 hours. Contact Saveto's technical department for more information regarding the suitable substrates and tiles on which this product can be safely applied.

Cleaning

Clean tools and equipment with water immediately after use. Remove hardened material mechanically.

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

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	Yield
Vetoset CA547	20 kg Bag	≈ 17 liter (wet) / 20 kg bag

Stated consumption data are for general guidance. Actual consumption depends on the nature of the 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's stored clear off the ground, in a dry and shaded place, and at a temperature below 35°C.

Health & Safety

Vetoset CA547 is highly alkaline; therefore, avoid it coming in direct contact with your eyes or skin. It is recommended to use protective gloves and goggles during the application process. Any skin contact should be washed with soap and water. In case of eye irritation, immediately wash with a copious amount of clean cold water and seek medical attention.

Vetoset CA547 is non-flammable.

For more information, refer to the material safety data sheet.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

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