



## Vetoset CA548

High-quality ceramic tile adhesive

### Uses

- For ceramic tiles.
- Tiling on smooth concrete surfaces, lightweight bricks, blocks, and plasterboards.
- Tiling on wall surfaces that are plastered with Vetonit's water-resistant plasters.
- On damp concrete interiors.
- Suitable for dry and wet conditions.

### Product Description

Vetoset CA548 is a normal cementitious adhesive with slip resistance properties. It is composed of hydraulic binders, selected aggregates, and special additives and is supplied as a dry powder in pre-weighed bags that are ready to use on-site (this only requires adding clean water to produce an easily workable mortar). Vetoset CA548 is ideal for fixing Ceramic and Terrazzo tiles (when applied at a thickness of 3 - 10 mm, depending on the type/quality of both the substrate and the tiles). Vetoset CA548 is available in the colors white and gray.

### Advantages

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

### Standards Compliance

- SASO ISO 13007 - 1 AS C1T
- BS EN 12004 - 1

### Technical Data

Vetoset CA548	Typical Values @ 25°C
Appearance	White, Grey Powder
Aggregate Size (mm)	1.35 max
Mixed Density (kg/liter)	1.5 Approx.
Application Thickness (mm)	3 - 10
Pot Life (Hours)	2.5
ISO 13007-1 Classification	C1T
Tensile Adhesion Strength @ 28 day (ISO 13007-2) (N/mm <sup>2</sup> )	≥ 0.7
Tensile Adhesion Strength after water immersion (N/mm <sup>2</sup> )	≥ 0.6
Tensile Adhesion Strength after Heat Aging (N/mm <sup>2</sup> )	≥ 0.5
Tensile Adhesion Strength after Freeze-Thaw cycle (N/mm <sup>2</sup> )	≥ 0.5
Slip Resistance (mm)	< 0.3
Open Time @ 20 min (N/mm <sup>2</sup> )	≥ 0.5
Adjustability (Minutes)	10
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 (except gypsum boards) with clean water before applying Vetoset CA548. The surface should appear damp with no water pooling.

### Mixing

To prepare a mortar adhesive from Vetoset CA548, pour 14 - 16 liters of water (for each 50 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 & 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 CA548 manually (for small quantities), however, you must maintain the correct ratio of powder:water. If required, add 0.5 Ltr. of Vetobond AB432 to the mixing water, then add the powder. Use the mixed material within 2.5 hours.

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

### Application

Using a notched trowel, spread the mixed Vetoset CA548 mortar adhesive and firmly press it onto the surface. (Spread the mortar adhesive to an area that can be tiled within 10 - 15 minutes).

Place the tiles onto the fresh adhesive mortar and press them firmly then knock them immediately into the desired position. (You can adjust the position of the tiles within the adjustability time of 10 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.

**Note:** It is recommended to use one of Vetonit's Grout Products to fill the joint gaps after 2 days of installing the tile. Contact Saveto's technical department for more information on that regard, and also 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 CA548	50 kg Bag	≈ 43 liter (wet)/50 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 CA548 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 CA548 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 CA548 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.