



Vetoset CA548

High quality ceramic tile adhesive for projects

Uses

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

Product Description

Vetoset CA548 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 CA548 is ideal for fixing Ceramic Tiles and Terrazzo Tiles. Vetoset CA548 is applied in thickness from 3mm to 10mm, depending upon the substrate's type of tiles and quality. Vetoset CA548 is available in white.

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of usage.
- Easy tile installation that 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 & vertical surfaces.

Standards Compliance

- BSEN 12004-1
- ISO 13007-1 as C1T

Technical Data

Vetoset CA548	Typical Values @ 25°C
Appearance	White
Aggregate Size	1.35 max
Application Thickness	3 to 10 mm
Open Time	20 minutes
Adjustability	10 - 15 minutes
VOC	< 25 gm/Liter
ISO 13007-1 Classification	C1T
Compressive Strength @ 28 day (ASTM C109)	≥ 9 MPa
Flexural Strength @ 28 day (ASTM C348)	≥ 2 MPa
Tensile Adhesion (Bond Strength) @ 28 days ISO 13007-2	≥ 0.7 MPa
Mixed Density	1.4 kg/liter ± 0.1kg
Minimum application temperature	5°C

Usage Instructions

Surface Preparation

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

Wet all surfaces (except gypsum board) with clean water before Vetoset CA548's application. The surface should appear damp with no water pooling.

Mixing

For the mortar adhesive preparation, pour into a container 14-16 liters of water for each 50 Kg bag of Vetoset CA548.

Add the powder to the water and mix for 4-5 minutes using a low- speed electric drill fitted with a suitable paddle until achieving a uniform, lump-free consistency. Allow the mixed material to stand for about 10 minutes and remix briefly without adding further water.

Blend Vetoset CA548 manually for small quantities and maintain the correct amount of powder to water.

If required, add 0.5 Ltr of Vetobond AB432 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 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. Press the tiles firmly over the mortar adhesive and 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.

Allow the installed tiles to remain undisturbed for at least 48 hours. Mortar adhesive must not rise between the tile joints higher than halfway the thickness of the tiles. It is recommended to use one of Saveto Grout Product Range to fill the joint gaps after 2 days of tile installation, consult Saveto Technical Support Team.

Cleaning

Clean tools and equipment with water immediately after use. Hardened materials will require removal by 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 CA548	50 Kg Bag	Walls: 12 – 13 m ² /50kg Floor: 9 – 11 m ² /50kg

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 is stored clear of ground in a dry, shaded place below 35°C.

Health & Safety

Vetoset CA548 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 eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Vetoset CA548 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.