



Vetoset CA540

Multipurpose Flexible Cementitious adhesive to work with multiple types of tiles (C2TE S1)

Uses

- Porcelain and Ceramic tiles, natural stone, artificial stone, and many other types of tiles.
- Laying of large format tiles (up to 1 m.).
- Suitable for tiling on Walls and Floors
- Suitable for Internal and External use.
- Tiling works in wet and dry areas and in swimming pools
- Tile over tile applications.

Product Description

Vetoset CA540 is a polymer modified cement based professional multipurpose grade tile adhesive that works with most types of tiles and substrates. The product is composed of a blend of cement, carefully selected aggregates, special additives, and polymers that provide Vetoset CA540 with its outstanding properties. The product is suitable for internal and external use.

Advantages

- Easy to apply, a single component product.
- Flexible cementitious adhesive
- High bond strength.
- Immersed and wet areas tiling.
- Free from Asbestos
- Comply with green building regulations

Technical Data

Vetoset CA540	Typical Values @ 25°C
Appearance	White or Grey Powder
Wet Density	Approx. 1.5kg/Liter
Application Thickness	3 to 10 mm
Pot life	Approx. 3 Hours
Adjustability	< 10 minutes
VOC	< 25 gm/Liter
ISO 13007/BS EN 12004	Class C2TE S1
Tensile Adhesion Strength	≥ 1.0 N/mm ²
Tensile adhesion strength after water immersion	≥ 1.0 N/mm ²
Tensile adhesion strength after heat ageing	≥ 1.0 N/mm ²
Tensile adhesion strength after freeze-thaw cycle	≥ 1.0 N/mm ²
Slip resistance	≤ 0.5 mm
Deformability	≥ 2.5 mm. to < 5 mm.

Standards Compliance

- BS EN 12004 as C2TE S1
- ISO13007-1as C2TE S1
- ANSI A118.4 and A118.15

Usage Instructions

Surface Preparation

The substrate should be sound, clean, free from loose material, grease, laitance, dirt, curing compound, or any other substance that might impair bond quality with the substrate.

Concrete, hollow blocks, and cement-based substrates must be sufficiently cured and irrigated by water 1hour before application. The surface should appear damp with no water pooling.

Mixing

For the preparation of mortar adhesive, pour into a container 7 - 7.5 liters of water for each 25kg bag of Vetoset CA540. for 15 kg bag use

Add the powder to the water and mix for 3-4 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.

Application

Apply the mixed mortar adhesive in a thin layer, and firmly press it onto the surface that will be tiled and work with the trowel's flat edge. Comb the adhesive with a suitable notched trowel horizontally to achieve a 2 - 8 mm bed thickness. Spread the mortar adhesive to a manageable area that can be tiled within 5-10 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 5-7 minutes after installation.

Use the back buttering method with any tile that has at least one side measures more than 35 cm length. Apply and comb the adhesive on the surface to be tiled. Also, add the adhesive to the backside of the tile with/without combing.

Allow the installed tiles to remain undisturbed for at least 24 hours.

Mortar adhesive must not rise between the tile joints higher than halfway the thickness of the tiles. It is recommended to use Vetofill CG550 to fill the joint gaps after 2 days of tile installation.

For further information regarding the suitable substrates and tiles on which this product can be safely applied, please contact Saveto technical department.

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.

Cleaning

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

Packaging & Coverage

Product	Pack Size	Coverage	Consumption
Vetoset CA540	25 kg Bag	4.5 - 5.5 m ² @ 3 mm	~ 1.8kg/m ² /mm
	15 kg Bag	3.0 - 3.5 m ² @ 3 mm	~ 1.8kg/m ² /mm

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 CA540 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 CA540 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 and water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Vetoset CA540 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.

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