



Vetoset CA546

Cementitious tile adhesive for fixing marble

Uses

- Specifically designed for marble and natural stone conglomerates.
- Suitable for large format tiles
- Tiling on normal & smooth concrete surfaces, bricks, and blocks.
- Suitable for dry & wet conditions.

Product Description

Vetoset CA546 is a weather-resistant cement-based adhesive mortar 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 clean water to produce easily workable adhesive. Vetoset CA546 is suitable for internal & external use. Vetoset CA546 is generally applied at thicknesses from 3 mm to 10 mm.

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.
- Suitable in dry & humid conditions.
- Internal & External use.
- Suitable for horizontal & vertical surfaces.
- Enhanced mechanical strength.

Standards Compliance

- BS:EN 12004 as C2T
- ISO 13007

Technical Data

Vetoset CA546	Typical Values @ 25°C
Appearance	White Powder
Aggregate Size	1.35mm max
Application Thickness	3 to 10 mm
Open Time	20 minutes
Adjustability	10 - 15 minutes
VOC	< 25 gm/Liter
EN12004 Classification	C2T
Compressive Strength @ 28 day (ASTM C109)	≥ 10 MPa
Flexural Strength @ 28 day (ASTM C348)	≥ 2.5MPa
Tensile Adhesion (Bond Strength) @ 28 day (EN 1348)	≥ 2.5 MPa
Mixed Density	1.6 Kg / Liter
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 CA546. The surface should appear damp with no water pooling.

Mixing

To prepare mortar adhesive, pour into a container 6.0-6.5 liters of water for each 20 Kg bag of Vetoset CA546. Add the powder to the water and mix with a low speed (200-300 rpm) electric drill fitted with a suitable paddle for 3-4 minutes until a uniform, lump-free consistency is achieved.

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

Application

Spread the mixed Vetoset CA546 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 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.

Remove excess adhesive with a damp cloth before it dries. Joints grouting between tiles may be commenced after 24 hours for walls and 48 hours for floors using Vetonit Tile Grout.

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 CA546	20 Kg Bag	5.5-6.5m ² /20kg bag

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 CA546 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 CA546 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 CA546 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.