



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 and smooth concrete surfaces, bricks, and blocks.
- Suitable for dry and wet conditions.

Product Description

Vetoset CA546 is a weather-resistant, cementitious adhesive mortar with enhanced characteristics and improved slip resistance. It is composed of hydraulic binders, selected aggregates, and special additives. The product is supplied as a dry powder in pre-measured bags, ready for on-site use (requiring only the addition of clean water to create a workable, cementitious adhesive). Vetoset CA546 is suitable for both internal and external use and is typically applied at thicknesses ranging from 3 to 10 mm.

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

Standards Compliance

- SASO ISO 13007 -1 as C2T
- BS EN 12004 -1 as C2T

Technical Data

Vetoset CA546	Typical Values @ 25°C
Appearance	White Powder
Aggregate Size (mm)	1.35 max
Wet Density (kg/liter)	1.55 Approx.
Application Thickness (mm)	3 - 10
Pot Life (Hours)	2.5
SASO ISO13007-1 Classification	C2 T
Tensile Adhesion Strength @ 28 Day SASO ISO 13007-2 (N/mm ²)	≥ 1.0
Tensile Adhesion Strength after water immersion - SASO ISO 13007-2 (N/mm ²)	≥ 1.0
Tensile Adhesion Strength after Heat Aging - SASO ISO 13007-2 (N/mm ²)	≥ 1.0
Tensile Adhesion Strength after Freeze-Thaw cycle - SASO ISO 13007-2 (N/mm ²)	≥ 1.0
Slip Resistance (mm)	< 0.3
Open Time @ 20 min (N/mm ²)	≥ 0.5
Adjustability (Minutes)	10 - 15
VOC (gm/ltr)	< 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 CA546. The surface should appear damp with no water pooling.

Mixing

To prepare a mortar adhesive from Vetoset CA546, 5.6 - 6.2 liter (28 - 31%) of water (for each 20 kg bag) into a container. Add the powder to the water then mix with a low-speed (200-300 rpm) 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.

Application

Using a notched trowel, spread the mixed Vetoset CA546 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 halfway the thickness of the tiles. Remove any excess adhesive with a damp cloth before it dries.

You can begin grouting the joints between the tiles after 24 hours (for walls) and after 48 hours (for floors). It's recommended to use Vetonit Tile Grout

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.

Packaging & Coverage

Product	Pack Size	Yield
Vetoset CA546	20 kg Bag	16 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 CA546 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 CA546 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 CA546 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.

Legal Disclaimer

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