



Vetoset CA541

Thickbed Cementitious Tile Adhesive

Uses

- Laying Ceramic tiles with irregular backing to cementitious horizontal substrates (floors).
- Laying Ceramic tiles on irregular substrates.
- Laying of large, heavy tiles such as natural stone over a variety of substrate conditions.
- Where the thick bed is needed.
- For Granite, Marble, and Artificial Stone flooring.

Product Description

Vetoset CA541 is a cement based thick-bed tile adhesive that works with most types of tiles and flexible substrates. The product is composed of a blend of cement, carefully selected aggregates, special additives, and polymers that provide Vetoset CA541 with its unique properties. The product is suitable for internal as well as external use.

Advantages

- Easy to apply a single component.
- High bed thickness.
- Used internally and externally.
- High bond strength.
- Free from Asbestos and complies with Green Building Regulations.

Technical Data

Vetoset CA541	Typical Values @ 25°C
Appearance	White or Grey Powder
Wet Density (kg/L.)	1.75
Application Thickness (mm)	10 to 20
Pot Life (Hours)	2
Adjustability (Minutes)	20
VOC (gm/L.)	< 25
EN/12004, ISO 13007-1 Classification	C1
Tensile Adhesion Strength @ 28 Day (N/mm ²)	> 0.5

Standards Compliance

- BS EN 12004 as C1
- ISO 13007-1 as C1
- ANSI A118.1

Design Considerations

Do not apply at a temperature below 5°C.

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.

Mixing

To prepare mortar adhesive, pour into a container 8.5 - 10 liters of water for each 50 Kg bag of Vetoset CA541.

Add the powder to the water and mix 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 a layer of the adhesive onto the substrate using the flat edge of the trowel. Comb the adhesive with a suitable notched trowel horizontally to achieve a 10-20 mm bed thickness. Place the tiles with firm pressure to ensure proper contact with the adhesive.

It is always better to work in a manageable area tiled within the adhesive's open time. Leave the tiled surfaces for 24 hours before grouting.

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

Cleaning

Clean tools and equipment with water immediately after use. Hardened materials will require removal by mechanical means.

Packaging & Coverage

Product	Pack Size	Coverage
Vetoset CA541	50 kg Bag	- 1 m ² /bag @ 20 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

An original sealed bag of Vetoset CA541 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 CA541 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 CA541 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.

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