



# Vetoset CA541

Thickbed cementitious tile adhesive.

## Uses

- Laying tiles with irregular backing to cementitious horizontal substrates (floors).
- Laying 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.
- Suitable for use with underfloor heating systems.

## Standards Compliance

- BS EN 12004:2010 as C1
- SASO ISO 13007-1 as C1

## Design Considerations

- Do not apply at a temperature below 5°C.

## Technical Data

Vetoset CA541	Typical Values @ 25°C
Appearance	White or Grey Powder
Wet Density	1.75 Kg/Liter
Application Thickness	10 to 20 mm
Pot Life	100 minutes
Adjustability	20 minutes
VOC	< 25 gm/Liter
SASO ISO 13007-1 Classification	C1
Bond Strength @ 28 day SASO ISO 13007-2	> 0.5 MPa

## 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 9-12 liters of water for each 50Kg bag of Vetoset CA541.

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 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 4-20mm 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.

### Cleaning

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

### Packaging & Coverage

Product	Pack Size	Yield
Vetoset CA541	50 Kg Bag	36 Liters

Stated consumption data are for general guidance. Actual consumption depends on the nature of 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

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- 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.

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