



Vetotop CT533

Premixed Terrazzo Flooring Mortar with a semi-self leveling property

Uses

- Decorative Terrazzo flooring with a variety of aggregates types and sizes.
- As a final flooring finish that replaces the tiles.

Product Description

Vetotop CT533 is a single component polymer modified cementitious terrazzo flooring mortar with a semi self-leveling property composed of hydraulic binders, selected aggregates, and special additives. Vetotop CT533 is supplied as a dry powder in pre-weighed bags ready to use onsite with the selected Terrazzo forming aggregates; once mixed, it will form a cohesive, flowing mortar applied in thicknesses between 8 and 20mm.

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Suitable for Middle East harsh weather conditions.
- Easy to apply, enabling high productivity & superior finishing.
- Rapid commissioning and serviceability.
- High bond to the substrate.
- Excellent physical and mechanical properties.
- Shrinkage compensated.
- Excellent workability.

Standards Compliance

- EN13813
- Class CT -C25- F4-RWA10 -B,1.0

Technical Data

Vetotop CT533	Typical Values
Appearance	Selected range of colored Powder
Aggregate size (mm) (max)	1.4
Application Thickness (mm)	4 - 15
Dry Density (Kg/L)	1.3 ± 0.1 Approx.
Wet Density (Kg/L)	2.0 ± 0.1 Approx.
Open Time @ 25°C (Minutes)	20 Approx.
Compressive Strength - EN 13892-2 @ 1 Days (N/mm ²)	≥ 5.5
@ 3 Days (N/mm ²)	≥ 16
@ 28 Days (N/mm ²)	≥ 30
Flexural Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 4.0
Wear Resistance to Rolling Wheel - EN 13892-5 (cm ³)	≤ 10
Bond Strength - EN 13892-8 (N/mm ²)	≥ 1
Setting Time - EN 13454-2 (Hours)	3 - 4
VOC (gm/liter)	< 50
Impact Resistance - EN ISO 6272	N/A
Water Permeability - EN 1062-3	N/A
Water Vapor Permeability - EN 12086	N/A

Usage Instructions

Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc.

Divide larger areas with wooden battens to control the applied layer thickness.

Priming

It is vital to prime the substrate. Use Vetoprime PB433 diluted with potable water (in 1:1.5 ratio). Mix thoroughly and spray or brush onto the floor without pooling.

Before applying Vetotop CT533, it's essential to leave the primer between 30-60 minutes to dry fully. In case of doubt, check the primer dryness by adding drops of water on top of the primed substrate; it should not absorb the water drops.

Mixing

For single bag mixing, add to the mixing container 4.25 - 5.0 liters of water for each 25kg bag of Vetotop CT533. Add the powder to the water and mix with a mechanical plaster mixer or with a low-speed electric drill fitted with a suitable paddle for 3 - 4 minutes until achieving a uniform, lump-free consistency.

Add the desired Terrazzo aggregate as follows:

- Aggregate 3mm add to the mix 150%.
- Aggregate 6 mm add to the mix 100%.

Conduct more than one trial to reach the desired finish. Try to minimize the water addition to the minimum to get higher strength.

Mix small batch quantities manually for approximately 1-2 min, or until achieving a homogenous mix.

Application

Place Vetotop CT533 onto the primed surface; apply by trowel to reach the desired thickness. We advise covering the applied area with a plastic sheet after 2 hours from application to avoid fast-drying.

After 24 hours, the floor will be ready for polishing to the final Terrazzo look.

Apply a coat of a clear sealer or surface hardener (Vetotop UC371 or Vetoseal XX777-100) to protect the floor.

Curing

Cure 1 - 3 days by sealing off the area. The floor becomes ready for commissioning or topping after 3-5 days.

Legal Disclaimer

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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.

Cleaning

Clean tools with water before the mortar hardens. After the hardening, remove its residuals mechanically only.

Packaging & Coverage

Product	Pack Size	Yield
Vetotop CT533	25 kg Bag	14 Liters Approx.

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastage.

Shelf Life & Storage

The original sealed bag of Vetotop CT533 has a shelf life of 6 months provided it is stored clear of ground in a dry and shaded place below 35°C.

Limitations

- Do not mix with any additives or products unless recommended by Saveto.
- Make sure the substrate is suitable for the underlayment application. In case of doubt, try on a sample area to assess its suitability.
- Do not apply the product at a temperature of less than +5°C. During the summer season, cover the working area to prevent ill effects from direct sun and air-draft during the initial curing stage.
- For further information, contact our technical department.

Health & Safety

Vetotop CT533 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.

Vetotop CT533 is non-flammable.

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.