



Vetotop CL531

Premixed 8 to 20mm thick polymer modified cementitious self-leveling underlayment

Uses

- Leveling of concrete slabs before application of final floor coverings such as tiles and resinous systems.
- As a substrate for vinyl tiles, parquet, carpet, and floor coverings that require super-flat substrates.

Product Description

Vetotop CL531 is a single component polymer modified cementitious floor self-leveling underlayment 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; once mixed, it will form a cohesive self smoothing honey-like flowing mortar that is applied in thicknesses between 8 and 20mm, giving a super flat finish ready to receive final floor coverings including tiles, carpets, resinous flooring systems, parquet, ...etc.

Advantages

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

Technical Data

Vetotop CL531	Typical Values
Appearance	Grey Color Powder
Aggregate size (mm) (max)	1.4
Application Thickness (mm)	8 - 20
Dry Density (kg/m ³)	1300 ± 100
Wet Density (kg/m ³)	2000 ± 100
Open Time @ 25°C (Minutes)	30 Approx.
Compressive Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 30
Flexural Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 4
Shrinkage Test - EN 13872	1 mm./m.
Bond Strength - EN 13892-8 (N/mm ²)	> 1
Setting Time - Initial (Hours)	3.5
Setting Time - Final (Hours)	5
VOC (gm/liter)	< 20

Standards Compliance

- BS EN 13813
- Class CT-C30-F4

Usage Instructions

Surface Preparation

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

Larger areas can be divided with wooden battens to control the pumping volume and determine the layer thickness to be applied.

Priming the substrate is vital; use Vetoprime PB433 diluted with potable water (ratio of 1:1.5). Mix thoroughly and spray or brush onto the floor without pooling.

Before applying Vetotop CL531, it's important 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 primer substrate; it should not absorb the water drops.

Mixing

For a single bag mixing, add to the mixing container 4.25 - 5.0 liters of water for each 25Kg bag of Vetotop CL531. Add the powder to the water and mix with a mechanical plaster mixer or low-speed electric drill fitted with a suitable paddle for 3 - 4 minutes until achieving a uniform, lump-free fluid consistency.

Try to minimize the water addition to get higher strength. Manual mixing is allowed for small batch quantities, mix for approx. 1-2 min or until achieving a homogeneous mix.

Application

Apply Vetotop CL531 using screed pumping machine or directly from the mixing bucket.

After placing onto the primed surface, apply by trowel or Pin Level Rake to the Vetotop CL531 spreads and adjust itself to a level floor.

Use a suitable spike roll to remove entrapped air if there is any.

Curing

Vetotop CL531 is self-curing; seal off the area for 1 - 3 days. The floor becomes ready for commissioning or topping after 3-5 days.

However, when applied in hot areas (35 °C) then it is mandatory to cure with clean water 3 times/day for 3 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 CL531	25 kg Bag	~ 2 kg/m ² /1 mm.

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 CL531 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 underlayment application. In case of doubt, try on sample area to assess its suitability.
- Do not apply the product at a temperature 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 CL531 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 wash with soap & water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Vetotop CL531 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.