



Vetotop CL531

Premixed 4 to 15 mm thick polymer modified cementitious self leveling underlayment.

Uses

- Leveling of concrete slabs prior to 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 4 and 15 mm 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 consistent high quality.
- Suitable for Middle East harsh weather conditions.
- Easy application enabling high productivity & superior finishing.
- Rapid commissioning and serviceability.
- High bond to substrate.
- Excellent physical and mechanical properties.
- Shrinkage compensated.
- Excellent workability.
- Fiber reinforced resisting crack formation.

Standards Compliance

- EN197: 2011
- EN16236:2013
- EN13813:2002
- BS8204:2010

Technical Data

Vetotop CL531	Typical Values
Appearance	Grey color Powder
Aggregate size (mm)	0.7 mm (max)
Application thickness	4 - 15 mm
Dry density (Kg/Liter)	1.80 approx.
Wet density (Kg/Liter)	2.10 approx.
Open time @ 25°C	20 min approx.
Compressive Strength @ 28 days (ASTM C109)	> 35 MPa
Flexural Strength @ 28 days (ASTM C348)	4.5 MPa
VOC	<50 gm/Liter

Usage Instructions

Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitence, 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.

Prime the surface with Vetoprime PB433 diluted with potable water (ratio of 1:1.5). Mix thoroughly and spray or brush onto the floor without pooling. Its important to note that if the primer dried it will become a debonding layer - thus make sure to apply the material within the primer open time. Allow the primer coat to be tacky when applying Vetotop CL531. Alternatively where large areas are to be applied, prime the floor with Vetobond EB431 which will allow for long open time.

Mixing

For single bag mixing add to the mixing container 4.25 - 5.0 liters of water for each 25 Kg 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 a uniform, lump-free consistency is achieved.

Try to minimize the water addition to get higher strength. Manual mixing is allowed for small batch quantities and mix for approx. 1-2 min or when homogeneous mix is achieved.

Vetotop CL531 can be applied using screw type pump with pumping rate of 25-50 liters/min and length of hose 40-50 LM. and control the water dosage to achieve the required flow.

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

For small areas Vetotop CL531 can be applied manually.

It is advised to spike roll in two directions immediately after application to release entrapped air.

Curing

Self curing, 1 - 3 days by sealing off the area. Floor becomes ready for commissioning or topping after 3-5 days.

Packaging & Coverage

Product	Pack Size	Yield
Vetotop CL531	25 Kg Bag	1.5 - 1.8 Kg/m ² /mm

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

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Shelf Life & Storage

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.
- Vetotop CL531 is not an abrasion resistant nor recommended to forklift or heavy loads.
- Do not apply the product at temperature less than +5°C. During summer season the working area must be covered to prevent ill-effects from direct sun and also air-draft during initial curing stage.
- Tools should be cleaned with water before the mortar hardens. After the hardening its residuals can be removed mechanically only.
- 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 eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise.

Vetotop CL531 is non-flammable.