

FLOORING



Vetotop CL530

Premixed 2 to 10 mm thick cementitious self leveling underlayment

Uses

- Leveling of concrete slabs before the 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 CL530 is a single component cementitious floor self-leveling underlayment composed of special cement, 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 applied in thicknesses between 2 and 10 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 consistently high quality.
- Suitable for Middle East harsh weather conditions.
- Easy application enabling high productivity and superior finishing.
- Rapid commissioning and serviceability.
- High bond to the substrate.
- Excellent physical and mechanical properties.
- Shrinkage compensated.
- Excellent workability.

Technical Data

Vetotop CL530	Typical Values
Appearance	Grey Color Powder
Aggregate size (mm) (max)	1
Application Thickness (mm)	2 - 10
Dry Density (kg/m ³)	1300 ± 100
Wet Density (kg/m ³)	1900 ± 100
Open Time @ 25°C (Minutes)	20 Approx.
Compressive Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 20
Flexural Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 5
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 (Minutes)	40 - 70
Initial Flow - ASTM 1708 & EN 12706 (mm)	≥ 130
Flow Retention @10 min - ASTM 1708 & EN 12706 (mm)	≥ 130
Hardening Time (Depends on Surrounding Temp.) (Minutes)	30 - 60
Traffic Time (Hours)	4 - 6
Topping Time (Hours)	48
VOC (gm/liter)	< 50

Standards Compliance

- SASO EN13813
- Classified as CT C20 F5 RWA10 B1,0

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 pouring volume and determine the applied layer thickness. Follow the expansion joints in the substrate for segmenting the area under the application.

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

Before applying Vetotop CL530, it's important to leave the primer between 1-2 hours 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 & Application

For single bag mixing, add to the mixing container 4.75 - 5.25 liters of water for each 25kg bag of Vetotop CL530. 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 fluid consistency is achieved.

Do not mix material that can not be applied within 15 min. The mixed material retains flow-ability for about 15 min in room conditions.

Placing should be directly from the mixing container on top of the primed substrate, always start from in to out and narrow areas. It is very necessary to pour the material continuously without any time gaps more than 10 - 15 min between the newly poured and the previous adjacent one, which is to ensure a perfect leveled convergence.

After placing onto the primed surface, assist spreading the material by the leveling smoothing trowel or by a pin gauge rake. Use a suitable spike roll to remove entrapped air if there is any.

Curing

Vetotop CL530 is a self-curing product. Protect the applied material from environmental agents such as wind, direct sunlight, dirt, and dust exposure for at least the first 2 hours to ensure smooth leveled hard surfaces.

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

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 CL530	25 kg Bag	15 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 CL530 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. Mixing water should be clean and its temperature between 20 - 30°C.
- Make sure the substrate is suitable for the underlayment application. In case of doubt, try on the sample area to assess its suitability.
- Vetotop CL530 is not recommended for a forklift or heavy loads.
- Do not apply the product at a temperature less than +5°C or more than +35°C; the setting behavior is highly affected by the surrounding temperature.
- For further information contact our technical department.

Health & Safety

Vetotop CL530 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 CL530 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.