



Vetotop CS536

Premixed 30 to 100 mm thick cementitious screed

Uses

- Leveling of concrete slabs before the application of final floor coverings.
- Screeding over hollow-core pre-cast concrete slabs.
- Leveling floors and slabs to slope to ensure proper flow to drains.

Product Description

Vetotop CS536 is a single component cementitious floor screed composed of hydraulic binders, silica sand, 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 trowelable screed mortar applied in thicknesses between 30 and 100 mm.

Advantages

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

Technical Data

Vetotop CS536	Typical Values
Appearance	Granular Grey
Aggregate size (mm)	5
Application Thickness (mm)	30 - 100
Dry Density (Kg/L)	1.6 Approx.
Wet Density (Kg/L)	2.3 ± 0.1
Working Time @ 25°C (Minutes)	30 Approx.
Compressive Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 35
Flexural Strength - EN 13892-2 @ 28 Days (N/mm ²)	≥ 5
Wear Resistance to Rolling Wheel - EN 13892-5 (cm ³)	≤ 100
Bond Strength - EN 13892-8 (N/mm ²)	≥ 0.5
Setting Time - EN 13454-2 (Hours)	3.5 - 4.5
Water Demand (%)	10 - 12

Standards Compliance

- SASO EN 13813
- Class CT-C35-F5-RAW100-B0,5

Usage Instructions

Surface Preparation

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

Priming

Vetotop CS536 can be laid as a bonded screed by applying Vetobond PB434 slurry to the prepared concrete substrate as a bonding and priming layer.

Alternatively, an epoxy bonding agent can be used, such as Vetobond EB430 or Vetobond EB431.

To prepare the slurry primer, mix 1 volume of Vetobond PB434 to 1 volume of clean water with 3 volumes of fresh cement and mix until achieving a smooth consistency. Scrub the mixed slurry into the concrete surface. While the slurry is wet, apply Vetotop CS536 to ensure good adhesion with the substrate.

Mixing

For the mixture's preparation, pour into a container 5-6 liters of water for each 50Kg bag of Vetotop CS536.

Add the powder to the water and mix with a low-speed electric drill fitted with a suitable paddle until achieving a uniform, lump-free consistency mix. Do not add further water to the mix. Do not add water to the mix once it starts to set.

Application

Pour the mixed material onto the surface and spread it to the desired thickness using a steel trowel or suitable tools. Cover the Vetotop CS536 with a plastic sheet to avoid drying.

Curing

Cure the screed as per standard concrete curing practices. Do not subject the screed to vehicular traffic for 28 days till ensuring full cure and the system's ability to withstand designed traffic loads.

If a concrete sealer requires enhancing the screed durability and resistance to water ingress, apply Vetoseal XW770 at a rate of 8 to 12 m² per liter. Make sure to apply the sealer uniformly and to cover all screed surfaces.

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 promptly before material hardens. Hardened material can be mechanically removed.

Packaging & Coverage

Product	Pack Size	Yield
Vetotop CS536	50 kg Bag	24 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 CS536 has a shelf life of 12 months, provided it is stored clear of ground in a dry and shaded place, at temperatures between 5°C - 35°C.

Limitations

- Do not apply the product at a temperature of less than +5°C.
- Vetotop CS536 should be checked for its suitability when concrete is steam cured. Also, carry out prior tests for its suitability when gypsum or colored mixes are being used.
- For further information contact our technical department.

Health & Safety

Vetotop CS536 is highly alkaline; therefore, avoid direct contact with eyes or skin. Vetobond PB434 is a latex emulsion. It is recommended to use protective gloves and goggles during application.

Any skin contact should be washed with plenty amount of water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Vetotop CS536 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.