



# Vetotop CS532

Premixed 20 to 40 mm thick cementitious flowable screed and underlayment.

## Uses

- Leveling of concrete slabs prior to 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 CS532 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 flowable/ trowelable mortar that is applied in thicknesses between 20 and 40 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.
- Rapid drying.
- 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 CS532	Typical Values
Appearance	Grey color Powder
Aggregate size (mm)	0-3
Application thickness	20 - 40 mm
Dry density (Kg/Liter)	1.60 approx.
Wet density (Kg/Liter)	2.25 approx.
Open time @ 25°C	25 min approx.
Compressive Strength @ 28 days (ASTM C349)	>36 MPA

## Usage Instructions

### Surface Preparation

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

## Priming

Vetotop CS532 can be pumped or laid as a bonded screed by applying Vetobond PB434 slurry to the prepared concrete substrate as a bonding and priming layer, alternatively and epoxy bonding agent can be used such as Vetobond EP430 or EP431.

To prepare the slurry primer mix 1 volume of VetoBond PB434 to 1 volume of clean water with 3 volumes of cement and mix until a smooth consistency is prepared. Scrub the mixed slurry into the concrete surface, while the slurry is wet apply Vetotop CS532 in order to ensure good adhesion with the substrate.

## Application

For the preparation of the mixture, pour into a container 6.5-7 liters of water for each 50 Kg bag of Vetotop CS532.

Add the powder to the water and mix with a low-speed electric drill fitted with a suitable paddle, until a uniform, lump-free consistency mix is achieved. No further water should be added to the mix. Do not add water to the mix once it starts to set.

Pour the mixed product onto the surface and spread to the desired thickness using steel trowel or suitable tools.

The product can also be pumped using a standard dual-stage mixer and screed pump to the desired thickness.

Ensure the presence of standard control joints as per standard screeding practices, it is recommended to have control joints at 4 x 4 m spacings. Expansion joints must be respected as per design standards.

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

A concrete sealer is required for enhancing the screed durability and resistance to ingress of water, apply Vetoseal XW777 at a rate of 8 to 12 m<sup>2</sup> per liter. Make sure that the sealer is uniformly applied and covering all screed surface.

## Cleaning

Clean tools with water promptly before material hardens. Hardened material can be mechanically removed.

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## Packaging & Coverage

Product	Pack Size	Yield
Vetotop CS532	50 Kg Bag	23 - 25 Ltr

Stated consumptions 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 CS532 has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded place below 35°C

## Limitations

- Do not mix the product with water as it will lose its shuttering properties.
- Do not mix with other materials.
- Do not apply the product at a temperature of less than +5°C.
- For further information contact our technical department.

## Health & Safety

Vetotop CS532 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 CS532 is non-flammable.