

FLOORING



Vetotop CS360

Rapid set cementitious screed from 10 - 100 mm

Uses

- In areas need to be opened to public and put in service as quickly as possible.
- 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 CS360 is a single component cementitious floor screed composed of a blend 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 Rapid set leveling screed for leveling floors, filling and patching gaps and making floor slopes. Ready to receive a floor covering as soon as 2 - 3 hrs after leveling.

it is suitable to be used under paint or epoxy. Also for exterior applications applied in thicknesses between 10 and 100 mm.

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Suitable for Middle East harsh weather conditions.
- Easy application enabling high productivity.
- Good bond to the substrate.
- Excellent physical and mechanical properties.
- Low shrinkage.
- Excellent workability.
- Self curing.
- Rapid set.

Technical Data

Vetotop CS360	Typical Values
Appearance	Grey Granular powder
Aggregate size (mm)	0-5 mm
Application thickness	10 - 100 mm
Dry density (Kg/Liter)	± 0.15 approx.
Wet density (Kg/Liter)	± 0.15 approx.
Working time @ 25°C	30 min approx.
Flexural Strength EN 13892-2 @ 28 days	≥ 6.5 MPa
Compressive Strength EN 13892-2 (dry conditions)	@ 6 hrs ≥ 5 MPa @ 1 day ≥ 12 MPa @ 28 days ≥ 35 MPa approx.
Water demand	10 - 12 %
Tensile strength ASTM C307 @ 28 days	≥ 2.0 MPa
Bond strength EN 13892-8 @ 28 days	≥ 0.5 MPa
Walkable	@ 2 hrs.

Standards Compliance

- EN13813:2002
- BS8204:2010

Usage Instructions

Surface Preparation

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

Priming

Vetotop CS360 can be laid as a bonded screed by applying Vetobond AB432 slurry to the prepared concrete substrate as a bonding and priming layer.

Alternatively, Vetobond AB432 can be used alone diluted or pure depending on the substrate conditions.

if the old substrates, dilute AB432 with water 1:1 and one layer is enough.

for new absorbent substrates, first layer 1 volume AB432 : 3 Volumes water, then after full dry another layer 1:1, the application of the product after full dry of the bonding agent AB432.

To prepare the slurry primer, mix 1 volume of Vetobond AB432 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 CS360 to ensure good adhesion with the substrate.

Mixing

For the mixture's preparation, pour into a container 5 - 6 liter of water for each 50Kg bag of Vetotop CS360.

Add the powder to the water while mixing 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 CS360 with a plastic sheet to avoid fast drying.

Curing

Curing is not required, only keep the plastic sheet on top of the material as maximum as you can.

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 CS360	50 Kg Bag	22 - 25 Ltr

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 CS360 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 CS360 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 CS360 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 CS360 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.