



Vetotop CX534

Premixed 20 to 100 mm thick conventional cementitious mortar.

Uses

- Cost effective cavity filling in non-structural areas.
- Non-structural backing mortar.
- Filling around underfloor heating installations and mechanical fittings.
- As a bedding mortar for granite and marble.

Product Description

Vetotop CX534 is a single component cementitious backing mortar composed of hydraulic binders, silica sand and selected aggregates. It is supplied in bulk as a dry pumpable powder ready to use on site, once mixed it will form a trowellable mortar that is applied in thicknesses between 20 and 100 mm.

Advantages

- Factory controlled pre-blend ensures consistent high quality.
- Suitable for Middle East harsh weather conditions.
- Easy application enabling high productivity through pumps and horizontal mixers.
- Easy to break and refurbish backing to install additional piping and mechanical fittings.
- Excellent workability.
- Replaces conventional site batched mortars.
- Applied on horizontal damp compacted sand and cementitious substrates while providing good adhesion.
- Contains special additive that reduces friction and prolongs lifespan of equipment.

Design Criteria

Vetotop CX534 is designed for application for pumping machine (HM 24) and contains special shrinkage control additive and provides good adhesion. The product is available in grey and white color and can be applied in thickness from 2 to 10 cm.

Technical Data

Vetotop CX534	Typical Values
Appearance	Grey & White Powder
Max Aggregate size (mm)	2.5 mm
Application thickness	20 - 100 mm
Wet density (Kg/Liter)	2.10 approx.
Open time @ 25°C	45 min approx.
Adjustability	10-15 minutes
Setting time	3-5 hours
Compressive Strength @ 28 days (ASTM C109)	10 N/mm ² approx.
Flexural Strength ASTM C348	> 2.0 N/mm ² @ 28 Days
Bond Strength EN 1015 - 12	> 0.2 N/mm ² @ 28 Days

All values are at standard lab conditions at 25°C

Standards Compliance

- ASTM C 150
- ASTM C 207
- ASTM C 136

Usage Instructions

Surface Preparation

Substrate should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc. Prior to Vetotop CX534 Application, wet the entire surfaces with clean potable water and surface should look damp at the time of application.

Mixing

For manual mixing, add to the mixing container 9-10.5 liters of water to each 50kg bag of Vetotop CX534. Add the powder to the water and mix with mechanical mixer or low speed electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump-free consistency is achieved.

For application using HM 24 Mixing & pumping machine, the water flow rate is 300-500 Lit/hour. Mixed material should be used within 1 hour.

Re-tempering is allowed between 60 and 90 minutes for one time only.

Smooth Concrete Surfaces

Apply Vetobond PB433 or Vetobond EB430 as a primer coat or prepare the horizontal substrate by chopping or chiseling.

Application

Vetotop CX534 can be applied in a single layer to the desired thickness using HM 24 machine. Rod or screed to a uniform thickness immediately then follow with installation of the tiles. To insure better coverage increase the thickness and firmly press on the tile squeezing the excess out. For better adhesion you can use Vetobond PB434 product call technical engineer for advice.

Curing

Vetotop CX534 is best cured by spraying water on the surfaces of the tiles before grouting for 2-3 days. During hot & dry conditions allow curing for minimum of 5 days.

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 CX534	50 kg bag or Bulk	0.5 - 0.6 Ltr / Kg

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

Shelf Life & Storage

Vetotop CX534 has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded place below 35°C.

Health & Safety

Vetotop CX534 is highly alkaline therefore avoid direct contact with eyes or skin. Vetobond BR434 is 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 eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advice.

Vetotop CX534 is non-flammable.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Waterproofing.
- Concrete Repairs, Grouts and Enhancements.
- Flooring and Coating Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tiling Systems.
- Primers & Ancillary Products.
- Specialty Products.

Saveto also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites.

For further information on these products and systems kindly check our website or contact your local Saveto representative.