



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 mortar applied by trowel in thicknesses between 20 and 100 mm.

Advantages

- Factory-controlled pre-blend ensures consistently 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.
- It contains a special additive that reduces friction and prolongs the lifespan of the equipment.

Design Criteria

Vetotop CX534 is designed for pumping machine (HM 24) application. It contains a special shrinkage control additive that 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. Before Vetotop CX534 application, wet the entire surfaces with clean potable water, and the surface should look damp at the time of application.

Smooth Concrete Surfaces

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

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 a mechanical mixer or low-speed electric drill fitted with a suitable paddle for 3-4 minutes until achieving a uniform, lump-free consistency.

For application using HM 24 mixing & pumping machine, the water flow rate should be 300-500 Lit/hour. Use the mixed material within 1 hour.

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

Application

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

Curing

Cure Vetotop CX534 by spraying water on the tiles' surfaces before grouting for 2-3 days. During hot & dry conditions, allow curing for a 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 consumption 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 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 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 Systems.
- Concrete Repairs & Grouts.
- Flooring Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tile adhesives & Grouts.
- Primers & Ancillary Products.
- Thermal Insulation Systems.
- Protective Coatings.
- Accessories.

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