



Vetonit Thick Render

Water resistant thick patch and repair premixed render

Uses

- It can be used internally and externally to plaster block walls and rough surfaces.
- It can be applied on vertical and overhead surfaces.
- It can plaster smooth and precast concrete surfaces with a scratch coat already applied.
- Can be used to plaster a 15 mm layer in a single application.

Product Description

Vetonit Thick Render is a cement-based mortar composed of hydraulic binders, selected sand aggregates, and special additives. Supplied as a dry powder in pre-weighed bags, it is ready to use on-site and only requires the addition of clean water to produce an easily workable mortar. Vetonit Thick Render is a premium product that contains a shrinkage control additive. It is ideal for patch repair and thick plaster applications, especially in coastal areas. Vetonit Thick Render is available in grey, white, and in Vetonit Standard Colors.

Advantages

- Factory-controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of use.
- Suitable for the harsh weather conditions of the Middle East.
- Easy application & uniform workflow enable high productivity & superior finishing.
- Strong adhesion to a variety of substrates.
- Shrinkage control reduces surface cracks.
- Suitable for wet & dry conditions.

Standards Compliance

- SASO EN 998-1 Class CS IV, W 1

Technical Data

Vetonit Thick Render	Typical Values @ 25°C
Appearance	Grey & White Powder
Max Aggregate Size (mm)	1.8
Wet Density (kg/liter)	1.9
Application Thickness (mm)	3 to 30
Pot Life (Hours)	2
Compressive Strength (EN 1015 - 11) @ 28 days (N/mm ²)	> 9
Flexural Strength (EN 1015 - 11) @ 28 days (N/mm ²)	> 2
Adhesion (EN 1015- 12) @ 28 days (N/mm ²)	> 0.3
VOC (gm/liter)	~ 7.0
Capillary Water Absorption EN 1015-18 (kg/m ² . min ^{0.5})	≤ 0.4

Usage Instructions

Surface Preparation

The substrate should be sound, clean, and free from loose material, grease, laitance, dirt-curing compounds, etc.

Before the application, wet the entire surface with clean potable water, and the surface should look damp at the time of the application.

Mixing

For manual mixing, combine 8-10 liters of water with the entire contents of a 50 kg bag in a suitable container. For mechanical mixing, use 11-12 liters of potable water with the entire contents of the bag.

Mix at low speed using an electric drill fitted with a suitable paddle or a mechanical plaster mixer until a uniform, lump-free consistency is achieved.

Allow the mixed material to stand for about 10 minutes, then remix briefly without adding more water.

For small batch quantities, mix manually until you achieve a homogenous mix.

Smooth Concrete Surfaces

Add 1-2 litres of Vetonit Thick Render to the mixing water and adjust the water requirement accordingly for each 50kg bag. Follow the same mixing procedure as described above. Apply a scratch layer first.

Use the mixed material within 2 hours. Do not add water to the mix once the mixed mortar starts to harden.

Application

Apply Vetonit Thick Render in a single layer up to 15mm in thickness. It can also be used to apply multiple layers on rough or smooth surfaces to the desired thickness. For multi-layer applications, the first layer should be, at most, 15mm.

Apply the mixed material using a spray machine or a hawk & trowel technique, pushing the first layer hard against the substrate, rod, or screed to a uniform thickness. Immediately smoothen the surface for single-layer repairs.

The second layer allows the first layer to be partially set (60 - 120 minutes, depending on the weather). Apply the second coat as described above to the desired total thickness (not exceeding 30 mm).

Apply Vetonit Finish WR or Vetonit Finish WR EG as a finishing coat.

Curing

Cure Vetonit Thick Render by spraying the applied material's surface with water every 12 hours for a minimum of 3 days. During hot & dry conditions, allow curing for a minimum of 5 days. This will help achieve a uniform colour, minimise the risk of surface cracks, and lead to higher mechanical strengths.

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 all tools with water immediately after finishing. Clean hardened materials mechanically.

Packaging & Coverage

Product	Pack Size	Consumption
Vetonit Thick Render	50 KG Bag	1.6 Kg/m ² /mm Approx.

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

Shelf Life & Storage

The original sealed container of Vetonit Thick Render has a shelf life of 12 months, provided it is stored off the ground in a dry, shaded place.

Limitations

- Do not mix with any additives or products unless recommended by Vetonit.
- Make sure the substrate is suitable for the plaster coat applications. In case of doubt, try on the sample area to assess its suitability.
- Do not apply the product at temperatures below +5°C. During the summer season, the working area must be covered to prevent the effects of direct sun and excessive air-draught during the initial curing stage.
- For further information contact our technical department.

Health & Safety

Vetonit Thick Render is highly alkaline; therefore, avoid direct contact with your eyes or skin. It is recommended to use protective gloves and goggles during the application. Any skin contact should be washed with soap & water. In case of eye irritation, immediately wash with a copious amount of clean, cold water and seek medical advice.

Vetonit Thick Render is non-flammable.

For further information, please refer to the material safety data sheet.

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.