



# Vetonit Render

Water resistant patch & repair premixed render

## Uses

- Internal & external plaster on block walls and rough surfaces.
- Applied on both vertical and overhead surfaces
- On concrete surfaces that are smooth and also precast concrete surfaces without a scratch coat applied first.
- Plastering to a thickness of 10mm in a single application.

## Product Description

Vetonit Render is a cement-based mortar composed of hydraulic binders, selected sand aggregates, and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce cohesive mortar. Vetonit Render is a high-quality product that contains a shrinkage control additive. It is ideal for patch repair and thick plaster applications, especially in coastal areas. Vetonit Render is available in grey & white.

## Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of usage.
- Suitable for ME harsh weather conditions.
- Easy application with uniform work flow enables high productivity & superior finishing.
- Strong adhesion on a variety of substrates.
- Internal & external applications.
- Shrinkage control reduces surface cracks.
- Suitable for wet to dry conditions.

## Standards Compliance

- ASTM C348, C305
- ASTM C266, C349

## Technical Data

Vetonit Render	Typical Values @ 25°C
Appearance	Gey & White Powder
Max Aggregate Size	1.35 mm
Wet Density	1.70 Kg/Liter
Application Thickness	3 to 10 mm
Pot Life	1 - 2 hours
Compressive Strength ASTM C349	> 9.0 N/mm <sup>2</sup> @ 28 Days
Flexural Strength ASTM C348	> 3.0 N/mm <sup>2</sup> @ 28 Days
Bond Strength EN 1015	> 0.7 N/mm <sup>2</sup> @ 28 Days

## Usage Instructions

### Surface Preparation

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

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

## Mixing

For manual mixing, add to the mixing container 10-11.5 liters of water for each 50 Kg bag of Vetonit Render. Add the powder to the water and mix with a mechanical plaster mixer or low-speed electric drill fitted with a suitable paddle for 3-4 minutes until a uniform, lump-free consistency is achieved.

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

Mix small batch quantities manually for approx. 1-2 min or when until achieving a homogenous mix.

## Smooth Concrete Surfaces

Add 1-2 liters of Vetonit Bond 2 to the mixing water and adjust the water requirement accordingly for each 50kg bag. Follow the same mixing procedure as described above.

Ensure applying 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 Render in a single layer (3 - 10 mm) or multiple layers up to 20 mm on rough or smooth surfaces to the desired thickness. For multiple application layers, each layer should not exceed 10mm.

Apply the mixed material using the trowel technique, pushing the first layer hard against the substrate; Rod, or screed to a uniform thickness. Immediately follow smoothing the surface, if single-layer repair.

The second layer allows the first layer to partially set (60 - 120 min depending on weather). Apply the second layer as described above to the desired total thickness not exceeding 20 mm.

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

## Curing

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

## Cleaning

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

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## Packaging & Coverage

Product	Pack Size	Consumption
Vetonit Render	50 Kg Bag	1.2 - 1.4 Kg/m <sup>2</sup> / mm

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 bag of Vetonit Render has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded place.

## Limitations

Do not mix with any additives or products unless recommended by Saveto.

Make sure the substrate is suitable for patching, repair application. In case of doubt, try on the sample area to assess its suitability.

Do not apply the product at a temperature of less than +5°C. During the summer season, the working area must be covered to prevent ill-effects from direct sun and excessive air-draught during the initial curing stage.

## Health & Safety

Vetonit Render is highly alkaline; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during 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. Seek medical advice.

Vetonit Render is non-flammable.

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