



Vetonit Render RND310

Water & Weather Resistant Leveling Plaster/Render

Uses

- It can be used internally & externally to plastered walls, block walls, concrete walls and ceilings and Precast structures.
- Quick Plastering for Renovation works
- It can be applied on vertical and overhead surfaces.
- Suitable for use as carving, engraved and stamped plaster/render
- Can be used to plaster a 3-15 mm layer 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 require only the addition of clean water to produce cohesive mortar. Vetonit 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 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.
- Applied directly on concrete without the need for spatter dash coat.
- Free from Asbestos.

Technical Data

Vetonit Render RND310	Typical Values @ 25°C
Appearance	Grey, White, Colored Powder
Max Aggregate Size	1.35 mm
Wet Density	1.9 Kg/Liter
Application Thickness	3 to 15 mm
Pot Life	2 hours
Compressive Strength (EN 1015 - 11)	> 9 N/mm ² @ 28 Days
Flexural Strength (EN 1015 - 11)	> 2 N/mm ² @ 28 Days
Adhesion (EN 1015 - 12)	> 0.5 N/mm ² @ 28 Days
VOC (g/L.)	< 5

Standards Compliance

- BS EN 998-1 Class CS IV

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

Add 10-11 liters of potable water to 50 kg bag of vetonit Render & mix at low speed using an electric drill fitted with a suitable paddle or a mechanical plaster mixer.

To extend performance and adhesion, add 0.5 - 1.0 L of vetonit Bond-2 and adjust the water ratio accordingly. Alternatively vetobond AB432 can be used: 0.5 L per bag.

Mix to achieve a uniform, lump-free consistency. Allow the mixed material to stand for about 10 minutes, and remix briefly without adding more water.

Mix small batch quantities manually until you achieve a homogeneous mix.

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 - 8mm) or multiple layers up to 15 mm on rough or smooth surfaces.

For multiple application layers, each layer should not be thicker than 8mm.

Apply the mixed material using the trowel technique, pushing the first layer hard against the substrate, rod, or screed to achieve a uniform thickness. Immediately start smoothing the surface if you're using it as a single-layer leveling/repair agent.

The second layer allows the first one to set partially (within 60 - 120 minutes, depending on the weather).

Apply the second layer as described above to the desired total thickness (Less than 15 mm).

Finishing of the surface can be smooth or textured.

If a smoother surface is required, then apply Vetonit finishes as a finishing coat.

Final layer can be kept as final finishing, or it can be painted with 'vetonit' line of decorative finishes: 'vetotouch'.

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

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.

Curing

Cure Vetonit 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.

Cleaning

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

Packaging & Coverage

Product	Pack Size	Consumption
Vetonit Render	50 KG Bag	1.8 Kg/m ² /1 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 container of Vetonit Render has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place.

Limitations

- Do not mix with any additives or products unless recommended by Saveto.
- 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 a temperature of less than +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 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. Seek medical help.

Vetonit Render is non-flammable. For further information, read the material safety data sheet.