



Description

Render RND310 is a cement based mortar composed of hydraulic binders, polymer powders, 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 addition of clean water to produce cohesive mortar. Render is a high quality product contains shrinkage control additive. It is also ideal for use as patching & leveling and repairing material.

Render RND310 is available in following colours:
Grey & White : 50 kg pack

Also available in Standard Vetonit Colours upon request.

Render RND310 can be applied in thicknesses from 3mm to 15 mm.

Advantages

- Excellent One-Coat-To-Finish solution for ceilings and concrete walls.
- Factory controlled pre-blend ensures consistent high quality.
- Requires only 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 variety of substrates.
- Internal & external applications.
- Shrinkage control reduces surface cracks.
- Suitable for wet & dry conditions.
- Low VOC, free from Asbestos Containing Materials.

Uses

Render RND310 is used as patching, leveling & repairing mortar internally or externally in wet & dry conditions onto all kinds of concrete and masonry walls.

Render RND310 is used directly on concrete surfaces that are smooth and also precast concrete surfaces. No key coat is required.

Test Standard

- ASTM C926, C897
- ASTM C348, C349
- BS EN 998-1:2010
- BS EN 13914
- Cement type: ASTM C150, type1

Technical Data

Render RND310	Typical Values
Appearance	Appropriate Colour Powder
Aggregate size	1.35 mm max
Application thickness	3 - 15 mm
Wet density (Kg/L)	1.70 approx
Pot time @ 25°C	2 hrs approx
Setting Time @ 25°C	8 - 10 hrs
Compressive Strength @ 28 days (ASTM C349)	≥ 20 N/mm ²
Flexural Strength @ 28 days (ASTM C348)	≥ 4 N/mm ²

Surface Preparation

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

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

Instructions for Use

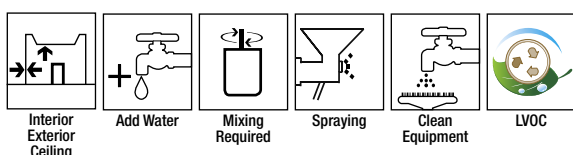
For manual mixing, add to the mixing container 8.5 - 9.5 litres of water for each 50 Kg bag of Render. Add the powder to the water and mix with a mechanical plaster mixer or low speed electric drill fitted with a suitable paddle for 3 - 4 minutes, until a uniform, lump-free consistency is achieved.

Leave the mixed material to stand for 10 min and briefly remix without addition of water.

Manual mixing is allowed for small batch quantities and mix for approx. 1 - 2 min or when homogenous mix is achieved.

Mixed material must be used within 2 hours.

Do not add water to the mix once the mixed mortar starts to harden.





Application

- Render can be applied in a single layer (3 - 15 mm) or multiple layers upto 30 mm on rough or smooth surfaces to desired thickness. For multiple layers application, each layer should not exceed 15 mm.
- Apply mixed material using spray gun or hawk & trowel technique, pushing first layer hard against the substrate. Rod or screed to uniform thickness. Immediately then follow smoothing the surface, if single layer repair.
- For second layer allow the first layer to partially set (60 - 120 min depending on weather). Apply second layer as described above to desired total thickness not exceeding 30 mm.
- Apply Vetonit Finish WR or WR EG as finish coat.

Curing

Render is best cured by spraying water on the surfaces of applied materials every 12 hrs for minimum of 3 days. During hot & dry conditions allow curing for minimum of 5 days. It will help to obtain high mechanical strengths and minimize the risk of surface cracks.

Packaging & Consumption

Product	Pack Size	Consumption
Render RND310	50 Kg Bag	1.4 - 1.6 Kg/m ² /mm
	140 m ² /Ton @ 5 mm thickness	

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

Shelf Life & Storage

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

Render is non-flammable.



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 sample area to assess its suitability.

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

Tools should be cleaned with water before the mortar hardens. After the hardening its residuals can be removed mechanically only.

Health & Safety

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 wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise.

Important Note

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 in accordance with any advice, specification, recommendation or information given by us.



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Vetotouch Serene

Cementitious polymer modified decorative finish coat applied at thicknesses from 1 to 3 mm

previously known as vetonit Finish WR EG

Uses

- External and internal building facades.
- As a finish coat for of EIFS / ETICS systems.
- Plastered, fairfaced concrete substrates and pre-cast panels.
- Decorative effects: marble finish and special effects.

Product Description

Vetotouch Serene is a polymer modified cement based decorative finish composed of hydraulic binder (OPC), selected aggregates and special additives . It is supplied as a dry powder in a pre-weighed bags ready to use on site, which requires only addition of clean water to produce easily workable mortar.

Hand or spray gun application.

Advantages

- Factory controlled pre-blend ensures consistent high quality
- Requires only addition of water on –site at the time of usage.
- A variety of special finish effects.
- Improved workability and curing
- Easy application with uniform work flow enables high productivity and superior finishing.
- Strong adhesion on variety of substrates.
- Internal and external applications.
- Weather resistant.
- UV stable pigment provides resistance to fading and eliminates need for additional paint
- Suitable for humid and dry condition.
- Free from Asbestos or Asbestos Containing materials.

Standards Compliance

- EN 998-1
- EN 13914
- EN 1015

Technical Data

Vetotouch Serene	Typical Values @ 25°C
Appearance	Colored Powder
Dry Density	1.5 Kg/Liter
Pot Life	60 minutes
Compressive Strength	> 6 N/mm ² @ 28 Days
Flexural Strength	> 2 N/mm ² @ 28 Days
Bond Strength to concrete	> 0.5 N/mm ² @ 28 Days
VOC	< 5 gm/L

Usage Instructions

Mixing

Add to the mixing container 7.5 - 9.5 liters of water for each 20 kg bag of Vetotouch Serene. Add the powder to the water and mix with a mechanical plaster mixer or low speed heavy duty electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump free consistency is achieved. Leave the mixed material to stand for 10 min and briefly remix without addition of water.

Manual mixing is allowed for small batch quantities and mix for approx. 1-2 min or when homogeneous mix is achieved.

Add 0.25 to 1.0 liter of Vetobond AB432 to the mixing water and adjust the water requirement accordingly for each 25 kg bag. Follow same mixing procedure as described above.

Mixed material must be used within 1 hour.

Do not add water, once the mixed mortar start to harden.

Application

Vetotouch Serene can be applied in a single or multiple coats on smooth surfaces by hand/spray application to achieve desired thickness 1-3 mm.

Curing

Vetotouch Serene is self curing (if mixed with vetobond AB432), allow to dry for 2 days, otherwise moist cure with spray water for 1 day.

on third day apply one coat of vetoseal XX772 or vetoseal XW771 to seal the surface.

Packaging & Coverage

Product	Pack Size	Coverage
Vetotouch Serene	20 Kg Bag	1.0 - 1.2 Kg/m ² / mm Thickness

Shelf Life & Storage

Original sealed bags of Vetotouch Serene has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place.

Health & Safety

Vetotouch Serene 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 wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise.

Vetotouch Serene is non-flammable.

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

Additional Information

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

- Concrete Repair, Grouts and Enhancement.
- Wall & Facade Systems.
- Flooring and Coating Systems.
- Sealants and Joints.
- Building & Finishing Materials.
- Tiling Systems
- Waterproofing.
- 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.

LEGAL DISCLAIMER

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Vetotouch Marmo

Marble/Glass chips decorative exterior and interior finishing system

Uses

- Marble chip finish designed for interior/exterior application.
- On plastered, fairfaced concrete surfaces.
- On block walls and pre-cast panels.
- 5-10 mm thickness.

Product Description

Vetotouch Marmo is a cement based decorative finish composed of hydraulic binders, selected aggregates and special additives . It is supplied as a dry powder in a pre-weighed bags ready to use on site, which requires only addition of clean water to produce easily workable mortar.

The vetotouch Marmo is applied as the base which will receive the marble chips, glass chips or a mix of both.

It can be applied on concrete, masonry, plastered walls and cement baords.

Advantages

- Factory controlled pre-blend ensures consistent high quality
- Requires only addition of water on –site at the time of usage.
- Provides a variety of finishes using various colors and marble chip types..
- Improved workability and curing
- Easy application with uniform work flow enables high productivity and superior finishing.
- Strong adhesion on variety of substrates.
- Internal and external applications.
- Weather resistant.
- UV stable pigment provides resistance to fading and eliminates need for additional paint
- Suitable for humid and dry condition.

Standards Compliance

- EN 998:2010
- EN 926:2011
- EN 13914:2005
- EN 1015:2000

Technical Data

Vetotouch Marmo	Typical Values @ 25°C
Appearance	Colored Powder
Wet Density	1.7 Kg/Liter
Pot Life	60 minutes
Compressive Strength	> 8 N/mm ² @ 28 Days
Flexural Strength	> 2 N/mm ² @ 28 Days
Bond Strength to concrete	> 0.4 N/mm ² @ 28 Days
Setting Time	4 to 5 Hours
VOC	<10 gm/L

Usage Instructions

Mixing

Add to the mixing container 6.5-7.5 liters of water for each 25 kg bag of Vetotouch Marmo. Add the powder to the water and mix with a mechanical plaster mixer or low speed heavy duty electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump free consistency is achieved. Leave the mixed material to stand for 10 min and briefly remix without addition of water.

Manual mixing is allowed for small batch quantities and mix for approx. 1-2 min or when homogeneous mix is achieved.

Add 0.25 to 1.0 liter of Vetobond AB432 to the mixing water and adjust the water requirement accordingly for each 25 kg bag. Follow same mixing procedure as described above.

Mixed material must be used within 1 hour.

Do not add water, once the mixed mortar start to harden.

Application

Apply Vetotouch Marmo in a single layer (5 - 10mm).

Apply design scheme and joints using a small amount of the mixture at a thickness of 2 mm to glue the plastic spacers, use the processed plastic spacers with the required lengths, and allow for a period of not less than 10 minutes to dry.

Apply the mixed material and while its still soft broadcast the wet surface mixture with marble (or glass) chips and when the mixture begins to stiffen compress the chips into the surface with a steel or plastic trowel to have homogeneous level with attractive design.

note: the maximum aggregate/chips size is 5 mm., Ensure that the chips are clean from any dust.

Curing

Vetotouch Marmo is best cured by spraying an acrylic based curing compound on the surfaces of applied materials.

Apply a coat of Vetoseal XW771 or XX772 for protection against water penetration, chloride ion attack, freeze/thaw cycles, weathering and airborne contaminants.

Packaging & Coverage

Product	Pack Size	Coverage
Vetotouch Marmo	25 Kg Bag	1.9 Kg / m ² / 1 mm Thickness

Stated consumption data are for general guidance.

Actual consumption depends on the nature of substrate, consistency used, method of application and wastages.

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Shelf Life & Storage

Original sealed bags of Vetotouch Marmo has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35°C.

Health & Safety

Vetotouch Marmo 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 wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise.

Vetotouch Marmo is non-flammable.

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

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