

Sempre Marmare Render

Mosaic Render
grain 1 mm - 1.5 mm.



Component of SempreTherm External Wall Insulation Systems.
Design as decorative render for plinths and indoor applications.

Technical Data Sheet
No. 10.SMR
15.11.2009

Characteristics

- manufactured in more than 20 arrangements
- ready to use
- fungi, mould and algae resistant
- resistant to weather condition
- waterproof
- extreme flexibility and impact resistance
- easy to keep clean

Scope of use

Sempre Marmare is used for applying decorative colourful renders to traditional plasters, concrete substrates, plasterboards, etc. Transparent resins are the binder and coloured quartz sand size of 1 mm -1.5 mm and natural marble aggregates are the fillers. This material is designed for applying with a metal long float. When it is set, the colourful render is obtained.

The properties of the material allow for bridging the existing scratches in the substrate. Sempre Marmare is especially recommended to be applied to the exposed to abrasion walls inside the buildings, e.g. at the entrance, corridors, staircases. Outside the buildings, Sempre Marmare is recommended on the areas easy to get dirty: on the plinths, railings, door and window reveals.

Substrate preparation

Sempre Marmare can be applied to smooth, carrying, colour homogenous, dry and clean substrates free from grease, bitumen, dust and other substances decreasing adhesion. Uneven and damaged substrates should be first smoothed and repaired. In case of traditional plasters and concrete substrates, Sempre TU-200 basecoat can be used. The existing dirt, layers of low strength, as well as elastic, lime and adhesive paint coatings should be removed. Absorbent substrates should be primed with the agent Sempre Deep-Acting Primer, and then painted with Sempre Marmare Primer after minimum 4 hours. It is recommended to use the colour of the Marmare Primer similar to the colour of the render. Sempre Marmare Render can be applied when the Marmare Primer becomes completely dry. The moisture coming from the substrate can cause the destruction of the render, therefore one should be assured that the adequate sealing layers have been made in the rooms (places) endangered with constant moisture.



Application

The whole content of the bucket should be carefully stirred. If the need appears, it is possible to adjust the product consistency to the application conditions by adding a small amount of clean water and mixing again. Too much addition of water makes the application of the material impossible. Use only stainless containers and tools.

Sempre Marmare should be evenly applied on the substrate at the thickness of one and a half grain size with steel long float held at the angle. The surface should be smoothened with the same tool before it becomes dry. It should not be strongly pressed to the substrate.

Do not sprinkle plaster with water! Do not form the structure!

Work should be done on one surface without breaks, keeping the same product consistency. If there is a need to stop working, the self-adhesive tape should be applied along the previously fixed line. Then render should be applied, structure formed, and tape torn off with the render remaining on it. After a break, the application should be continued from the fixed place. The edge of the previously applied render can be protected with self-adhesive tape.

Tools and fresh render stains should be washed with water, and the hardened render remains can be mechanically removed.

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Please note

Application should be performed in the ambient and substrate temperature ranging from +5°C to +25°C and the humidity below 80%. All the data refer to the temperature of +20°C and relative humidity of 60%. Faster or slower drying of this render may occur in different conditions. This product should not be mixed with other renders, pigments, resins and binders. The rooms where the material has been applied should be aired until the odour disappears and before they are used. In case of contact with eyes, they should be rinsed with water and the general practitioner should be consulted. This product should be stored out of reach of children.

Other information

The render should not be applied on direct sun and should be protected from drying too fast. Until it dries completely, it should be protected from rain. It is recommended to use scaffolding protection. Due to the plaster mineral fillers that can cause differences in the colour of plaster, one surface should be plastered with the material of the same production badge number printed on each bucket. The opened bucket should be carefully closed and its content used as soon as possible. This technical data sheet determines the scope of application of the material and the way of conducting the work, however, it cannot replace the professional preparation of the contractor. Apart from the data provided, the application should be done in compliance with the building and safety regulations. The manufacturer guarantees the quality of the product, however, he does not have any influence on the condition and the way of application. In case of any doubts, individual application trials should be conducted. The previously issued technical data sheets become invalid with the issue of this technical data sheet.

Storage

Up to 12 months since the production date when stored in cold conditions and in original undamaged packages.

Protect against frost!

Packaging

25 kg buckets

Technical data

Base:	water dispersion of acrylic resins with mineral fillers
Bulk density:	approx. 3.0 kg / m ²
Additional:	Quartz sand
Temperature of application:	from +5 °C to +25 °C
Drying time:	approx. 1 h
Application:	apply stainless steel trowel
Estimated consumption:	approx. 2,5 kg / m ² 1 mm grain
This product possesses:	
- within the SempreTherm System: ETA - 08/0316	
- NSAI Agreement Certificate No.- 11/0358	

**Should you need support or advice, please consult our advisory service for architects and contractors on the hotline number:
Phone: +353 1 40 30 811
e-mail: info@sempretherm.ie**

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.