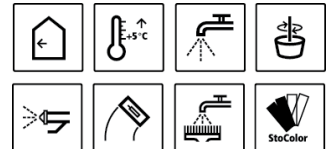


Sto Specification New Zealand

SS800 StoCalce Marmorino Interior Decorative Plaster System

StoCalce Marmorino Interior Decorative Plaster System
over stopped plasterboard linings

Sto Registration: To register your project with Stoanz Ltd please email the completed specification to info@sto.co.nz



1. PROJECT DETAILS

Specifier:	
Project and Address:	
Project Owner:	
Sto Warranty:	StoCalce Marmorino 5-year Warranty with StoService Assurance
StoCalce Marmorino Decorative Plaster System over plasterboard linings	This specification details the application of the interior StoCalce Coloured Decorative Plaster System incorporating; Level four (4) finish plasterboard linings, Stoplex W sealer, StoCalce Marmorino coloured basecoat tinted to the selected colour and applied by trowel to the selected surfaces followed by patterned coats to achieve the requisite pattern before sealing with StoLook Wax .
Select Finishing Render:	StoCalce Marmorino Coloured Decorative Plaster Finish
Select Sealer:	StoLook Wax
Sto Registration Number: (Sto Use Only)	23.01_StoReg_tec_sales_SS800_project address
Project Notes:	

Sto Specification New Zealand

SS800 StoCalce Marmorino Interior Decorative Plaster System

2. CONSTRUCTION & DETAILING

2.1 Responsibility

All work in this section shall be the responsibility of the Main Contractor, unless previously agreed in writing. Stoanz Limited accepts no responsibility for defective workmanship in relationship to the application of the Sto system, or for defects in the design, construction, or condition of the building, either as built or in relation to the works or site conditions.

The Main Contractor is to ensure that they are fully conversant with the legislation requirements, the project specifications, and details, current Sto specification and Sto details (www.sto.co.nz) and any specific installation requirements relating to the Main Contractor's responsibilities before any works commence. The Main Contractor is also responsible for the various subcontractors to ensure that all items relating to substrates, penetrations and dissimilar material junctions affecting the construction system are strictly in accordance with project specific details, manufacturer's instructions and Sto CAD details i.e. items such as openings, lights and security fittings, electrical wiring, plumbing, membranes, dissimilar junctions etc. that abut, flash or penetrate the system. The Main Contractor shall also ensure that all work is undertaken by a registered Sto Contractor and the window and door joinery is installed in accordance with the project drawings, manufacturer's details and Sto details. Building tolerances should be within MBIE Guide to tolerances

A **Sto Quality Assurance Document** is to be filled out as a record of the work undertaken by the Sto Contracting Company and substrate installer.

2.2 Timber Frame

Timber framing must comply with NZS 3604 for buildings or parts of a building within the scope limitations of NZS 3604. Buildings or parts of a building outside the scope of NZS 3604 must be to a specific design in accordance with NZS 3603 and AS/NZS 1170. Studs must be at maximum 600 mm centres with dwangs fitted flush between the studs as required by the plasterboard supplier. All framing shall be true in vertical and horizontal planes with adequate timber framing including blocking provided by the Main Contractor to facilitate lining fixings and any fixtures. Timber framing must be straight and true with all fixings flush and the moisture content must be 18% or less.

2.3 Steel Frame

Refer to NASH and the plaster board manufacturer's documents for steel framing construction and fixing layout.

2.4 Plasterboard Linings - check project documents for specified thickness

The plasterboard linings are installed as per the project and plasterboard manufacturer's documents over straight, dry framing, with care taken to ensure that fixing patterns are maintained, and that sheet edges are not damaged. Sheets are installed using a plasterboard adhesive and drywall screw gun with an adjustable depth gauge to ensure the screws are positioned correctly. Sheet thickness is as per the project specification or as stipulated in the carpentry or wall lining section of the general specification.

2.5 Plasterboard Stopping

The installed plaster board is to be stopped and jointed in accordance with the plasterboard manufacturer's instructions to achieve a Level 4 finish minimum.

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The plasterboard stopper must ensure that the wall linings are finished to an appropriate level. It is recommended that in critical lighting the walls are checked after sanding to ensure a satisfactory finish has been achieved.

2.6 Surface Cleaning

The Contractor shall ensure that all contaminants and dust is removed from the sheet surfaces.

2.7 Joinery and Trim

All interior joinery and trim as set out in the project drawings shall be detailed and fitted before commencing.

3. STOCALCE MARMORINO INTERIOR DECORATIVE SYSTEM

3.1 Responsibility

All work in this section shall be the responsibility of the **Sto Contractor** who shall ensure that the surfaces are acceptable before commencing and that adequate protection of all dissimilar materials and adjacent surfaces has been undertaken.

3.2 Selection

Rendering shall be carried out in stages over correctly installed and detailed plasterboard linings. The Sto Contractor shall assure themselves that the surfaces to be rendered are acceptable dry, free of contamination and adequate protection of all dissimilar material and adjacent surfaces is in place before commencing.

3.3 Detailing

All details must be in accordance with the project drawings or Sto details.

3.4 Penetrations

Penetrations and fixtures shall be set out prior to the render installation.

3.5 Materials

- **Primer:** Stoplex W sealer
- **Basecoat:** StoCalce Marmorino
- **Finishing:** StoCalce Marmorino to the selected pattern
- **Sealer:** StoLook Wax

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3.6 Primer

To clean, dry, Level 4 stopped plasterboard, apply a sealer coat of **Stoplex W sealer** by brush and roller at the approximately 8 m² per litre. Once dry a thin coat of StoColor Maxicryl in the selected colour can be applied as a basecoat.

3.7 StoCalce Marmorino Render

To all interior primed surfaces, apply a basecoat of **StoCalce Marmorino** tinted to the selected colour allow to dry approximately 12 hours before removing any ridges or nibs using 180 grit sanding pads. Remove the sanding dust before applying patterned coats with a Marmorino trowel compressing and burnished the mottled surface to achieve the required pattern. Allow to dry normally at least overnight between coats. The spreading rate of the StoCalce Marmorino is approximately 5 m² per kg per coat depending on the surface and pattern.

Note: A variety of tints combinations are available from StoColor System including StoLook Punto granules to achieve a speckled effect.

3.8 StoLook Wax

The StoCalce Marmorino must be completely dry before applying the **StoLook Wax** a transparent wax that protects the surface against soiling and trafficable wear. Apply with a lint free cloth or abrasion free spatula or Marmorino trowel in an even coat and polish/buff to a gloss finish. Avoid excessive amounts of wax that can lead to whitening or fogging.

Note: A coloured antique wax is also available for an aged yellowing effect.

4. GENERAL NOTES

4.1 Colour

As selected by the client or specifier from the StoColor System range or StoLook Punto F

5. STOSERVICE ASSURANCE

5.1 StoService Assurance

The Sto Interior System should be cleaned annually to remove dust and surface contaminants. Any damage identified must be repaired by engaging the Sto Contractor to carry out the necessary repairs.

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6. WARRANTY

6.1 StoCalce 5-year Warranty with StoService Assurance

When the **StoCalce Marmorino Interior Decorative Plaster System** is applied in accordance with the Sto specification, Sto details and Sto Quality Assurance document a warranty is available for five (5) years from the date of practical completion. This is to comply with the relevant clauses in the New Zealand Building Code for this type of building element provided the maintenance and service requirements are followed.

The 5-year warranty is supplied by the Sto Contractor on completion of the project and is signed off by the Sto Contractor in accordance with the documents. The warranty is issued and backed by Stoanz Limited as to the suitability of the material supplied provided that:

- (a) All specified work is carried out by a registered Sto Contractor who must complete and sign off the five-year PS3 Workmanship Warranty.
- (b) All work is carried out in accordance with this Specification, or any written amendments issued by Stoanz Limited.
- (c) The warranty does not cover situations where the render system is subjected to physical disturbance, chemical contamination, structural movement, or interference.
- (d) The substrate under the render must be dimensionally and structurally sound. Cracks in the substrate that reflect through the render are not covered by the StoWarranty.

7. DISCLAIMER

7.1 Disclaimer

The information contained in this specification is based on our findings, experience, testing and certification at the revision date. End users are still responsible for establishing the suitability of the specified products regarding their intended use. No liability is undertaken for use of this information outside of Stoanz Limited parameters or for the substrates and site conditions that are outside of Stoanz Limited's control. Where a Sto registered contractor applies Stoanz purchased products in accordance with the specifications, Technical Data Sheets and details, a Sto Warranty document is available, but the system must be serviced in accordance with the StoService documentation. Stoanz reserves the right to alter or update information and formulations at any time without prior notice.