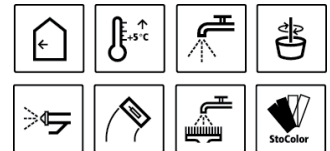


Sto Specification New Zealand

SS800K Stolit K Interior Coloured Finishing Render System

Stolit K coloured finishing render system
over new interior masonry substrates or 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 & Address

Project Owner:

Sto Warranty: **Stolit K Interior Render System 5-year Warranty with StoService**

Stolit K Render System over masonry or plasterboard linings This specification details the interior application of the **Stolit K Render System** incorporating; Preparation, meshed **StoLevel Nov** base coated masonry walls or Level 4 stopped plasterboard linings, sealed with **Stoplex W sealer** and or **Sto Putzgrund primer** finished in selected **Stolit K coloured finishing render** coated with **StoColor Maxicryl façade paint** on new internal walls.

The **Stolit K coloured finishing renders** are a durable range of float finished renders available in varying grain sizes that imparts an even texture to the rendered surfaces.

Select Finishing Render:

Select Coating: **StoColor Maxicryl paint**

Sto Registration Number:
(Sto Use Only)

i.e. 23.01_StoReg tec_sales_SS800_project address

Project Notes:

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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, manufactures instructions and Sto 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, manufactures 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 Contractor.

2.2 Masonry Construction - Meshed Basecoat Render

To clean, dry and cured masonry surfaces, apply one coat of **StoLevell Novo** render by hawk and trowel or pump at an approximate thickness of 5.0 – 6.0 mm and screed the surface with an h rule to achieve an even, straight surface free of hollows and deviations. While still wet, lightly apply **Sto reinforcing mesh** ensuring adjacent drops of mesh are overlapped by a minimum 75 mm and float the surface to ensure the mesh has been embedded in before applying a finishing coat of **StoLevell Novo** at approximately 2.0 mm to cover and level the mesh and joints, removing any ridges or bumps with a Sto feathered straight edge or butterfly spatchlor. Once dry, check the surface is satisfactory for the selected finish and rasp off any ridges. **StoLevell Novo** application procedures must be in accordance with the Technical Data Sheets.

Always install **Sto pre-meshed** corner angles on external corners including recessed joinery and use **Sto pre-meshed finishing edges** or **Sto Stick-On Joinery connectors** at dissimilar material junctions and joinery as required. Where ceilings or plasterboard linings abut masonry walls a bond breaker should be used to avoid cracking.

2.3 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 NZS 4203 (AS/NZS 1170). Studs must be at maximum 600 mm centres with dwangs fitted flush between the studs as required. All framing shall be true in vertical and horizontal planes with adequate timber framing including blocking provided by the Main Contractor to facilitate cladding fixings and any fixtures. Timber framing must be straight and true with all fixings flush, and the moisture content must be 18% or less.

2.4 Steel Frame

Refer to NASH and the plaster board manufacturers documents for steel framing construction and fixing layout.

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2.5 Plasterboard Linings

The plasterboard linings are installed as per the plasterboard manufacturer's documents 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.

- **Stopping** the installed plaster board is to be stopped and jointed in accordance with the plasterboard manufacturers instruction to achieve a level 4 finish.

3. STOLIT K INTERIOR RENDER 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

Stolit K texture is available in a flat 1.0, 1.5, 2.0, 3.0 mm aggregate as selected.

Rendering shall be carried out in stages over correctly installed and detailed, rendered masonry or stopped plasterboard linings incorporating; Masonry - **StoLevel Nov** meshed render on masonry surfaces or stopping to level four for **plasterboard linings** both sealed with **Stoplex W sealer** and coated with **Sto Putzgrund primer as required** before finishing in **selected Stolit K**. The Sto Contractor shall assure himself 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 Sealant

Any sealant junctions between the render and adjacent surfaces or dissimilar materials shall be jointed with compatible **MS Sealant** applied in accordance with the manufacturer's TDS sheets.

3.4 Detailing

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

3.5 Penetrations

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

3.6 Materials

- **Primer:** **Stoplex W sealer and Sto Putzgrund gritty primer as required**
- **Finishing:** **Selected Stolit K coloured finishing render**
- **Coating:** **StoColor Maxicryl paint**

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3.7 Primer

To clean dry level 4 stopped plasterboard or base coated masonry surfaces; apply a sealer coat of **Stoplex W** and **Sto Putzgrund** as required by brush and roller at the approximate 8m²/litre per coat.

3.8 Stolit Float Finish Renders (refer to header for selected finish) Stolit K texture is available in a flat 1.0, 1.5, 2.0, 3.0 mm aggregate as selected.

- **Stolit K coloured finishing render as selected**

Apply the selected **Stolit K** coloured finishing render to prepared rendered surfaces with a stainless-steel trowel, gauging to the thickness of the aggregate size. Finish with a plastic float to the requisite pattern and allow to dry (normally overnight). The spreading rate shall be approximately 12 m² per pail (1.0 mm), 9 m² per pail (1.5 mm), 7 m² per pail (2.0 mm) and 4 m² per pail (3.0 mm).

- **StoColor Maxicryl Paint**

All **Stolit K** surfaces should be coated with one (1) or two (2) coats of **StoColor** Maxicryl paint tinted to the selected colour and applied by brush and roller at approximately 6-7 m² per litre per coat. **Note:** Always maintain wet edges between cutting in and roll in tight to ensure an even film build is maintained.

3.9 Fire Behavior

Suitable for interior construction in accordance with NZBC Acceptable Solution C/AS2 Table C1.1 - European Classification EN 1350-1 / AS1 & A2-s1, d0 complies with a C/AS2 Group, Number 1-S.

4. GENERAL NOTES

4.1 Colour & Texture

As selected by the client or specifier from the Stolit K range and StoColor System

5. STOSERVICE

5.1 StoService

The Stolit 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 Sto Stolit K Interior Render System 5-year Warranty

When the **Stolit K Interior Render 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 requirements are followed.

The warranty is supplied by the Sto Contractor on completion of the project with the warranty 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 Sto Quality Assurance Schedule and the 5-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 stress, or interference.
- (d) The substrate under the render must be structurally sound. Cracks in the substrate that reflect through the render are not covered by the StoWarranty.

8. DISCLAIMER

8.1 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, design, construction, and project site conditions that are outside of Stoanz Limited's control. Where a Sto registered contractor applies Stoanz purchased products in accordance with the Sto Specifications, Material Technical Data Sheets and Sto Details, a Sto Material Warranty document is available, but the installation of the materials remains the responsibility of the Sto Contractor who provides the PS3 Warranty. Any warranty is conditional on the system being maintained and serviced in accordance with the StoService documentation. Stoanz reserves the right to alter or update information and formulations at any time without prior notice.