

Specialized Construction Products Ltd Masonry and Brick Plaster System

Product Technical Statement: 102011



Proprietary solid plaster system used over concrete masonry, clay brick veneer or in-situ concrete.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



Specialized Construction Products Ltd confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal
[839 \(2019\)](#)



masterspec partner

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Technical Statement

Product Description

Flawfila is a preblended, cement-based plaster applied using a steel trowel as a thin coat skimming compound to hide pinholes and other manufacturing irregularities in the surface of precast concrete.

Scope of use

The MLC Masonry and Brick Plaster System is suitable for buildings:

- with substrates of concrete masonry, in-situ or pre-cast concrete up to 3 storeys, with a maximum height from ground to eaves of 10m; and
- with substrates of clay brick veneer in accordance with the scope limitations of NZBC E2/AS1, NZS 4210 and NZS 4229; and
- with floor plan area limited only by seismic and structural control joints; and
- with supporting structures in accordance with the NZBC; and
- detached and located one metre or more from the relevant boundary; and
- situated in NZS 3604 Wind Zones up to and including Extra High

This system must not be used in situations where water may pond. A minimum slope of 10° is required on all sills and copings.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(b), B2.3.1(c)
- **Clause E2 External moisture:** Performance E2.3.2
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

B2.3.1(b) 15 years for the plaster finishes and B2.3.1(c) 5 years for the exterior paint system

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal
[839 \(2019\)](#)

Product Criteria

Design requirements

- **Concrete Masonry** must be designed and constructed in accordance with NZS 4210 and either NZS 4229 or AS/NZS 1170
- **In-situ and Pre-cast Reinforced Concrete** walls must be specifically designed in accordance with NZS 3101 and AS/NZS 1170 using the design guidelines.
- **Clay Brick Veneer** must be designed and constructed in accordance with NZBC Acceptable Solution E2/AS1, NZS 4210 and NZS 4229. Ventilation and drainage opening requirements as determined by the brick supplier and/or designer must be adhered to.

See the [Masonry & Brick Plastering Specification document](#) for full design requirements.

Installation requirements

The masonry/brick substrate must be installed in strict accordance with the manufacturer's specifications and recommended installation procedures. All pointing shall be flush finished. The

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manufacturers required curing time must be allowed after placement of the bricks to ensure all of the pointing has completely cured and the walls have stabilised.

Plastering cannot commence until; all the surfaces that are to be coated are level. All the necessary waterproofing elements must have been completed and checked and the joinery must be in place.

See the [Masonry & Brick Plastering specification document](#) for full installation requirements.

Maintenance requirements

The wall cladding system should be regularly cleaned, at least annually, by washing with clean water to remove dirt and to maintain the finished appearance. Grime may be removed with warm water and detergent.

Plastered wall should be recoated with either Plastershield or another approved paint system at 5 to 8 yearly intervals or sooner if required to maintain watertightness. Regular checks, at least annually, must be made of the system to ensure that the weather resistant coating is maintained watertight, and that the sealant, flashings, and other joints continue to perform their function and do not allow water to penetrate. Failure to correctly maintain the system may void any long-term warranties offered with the system. Any accidental damage to the cladding must be repaired immediately using Specialized Construction Products materials.

Company Product Information

Relationships



New Zealand Made



Date last validated: **06 July 2020**



Date last updated: **06 July 2020**

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