

Resene Construction Systems Precast Render System

Product Technical Statement: 111493



A plaster render system installed over a precast panels

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Resene Construction Systems confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal

[998](#)

Technical Statement

Product Description

The Resene Construction Systems Precast Render System has been designed specifically for application over pre-cast concrete.

A composite exterior hand applied Plaster finish, weather protected base and low maintenance, versatile finish. Resene Construction Systems components feature unique properties to ensure the durability and integrity of the system.

A Decorative Render System designed to meet your needs

Scope of use

The Resene Construction Systems Masonry Render System has been appraised as an exterior finishing system for buildings within the following scope:

- With substrates of concrete masonry, in situ or precast concrete up to 3 storeys with a maximum height from ground to eaves of 10 m.
- With substrates of clay brick veneer designed and constructed in accordance of NZBC Acceptable Solution E2/AS1, NZS 4210 and NZS 4229.
- With floor plan area limited only by seismic and structural control joints.
- With supporting structures designed and constructed in accordance with the NZBC.
- Situated in NZS 3604 wind zones up to and including extra high.

The Resene Construction Systems Precast Render System has also been appraised for bond, durability and weathertightness of the plaster system for concrete masonry, in situ or precast concrete buildings subject to specific design with no building height or wind exposure restriction.

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 B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.4
- **Clause B2 Durability:** Performance B2.3.1(b)
- **Clause E2 External moisture:** Performance E2.3.2
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

Durability applies 15 Years for the cladding system and plaster finish, and 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

[998](#)

Product Criteria

Installation requirements

Installed by a LBP or Resene Construction Systems Registered Plasterer

Maintenance requirements

Carry out an annual inspection and record this on the Resene Construction Systems Maintenance guide. For best results use Resene Paint Prep and Housewash liquid concentrate. Apply the diluted solution with a soft broom, and wash off with copious amounts of fresh water. Most detergents have

masterspec partner

Company Contact Details



Company: Resene Construction Systems

Physical Address: 5 Venture Place
Middleton
Christchurch

Postal Address: PO Box 39108
Harewood
CHRISTCHURCH

Telephone: 64 6328 3386328

Fax: 64 03 3386819

Email: mark@reseneconstruction.co.nz

Website: www.reseneconstruction.co.nz

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a detrimental effect on fish life so avoid letting the washings run off into the storm-water system. DO NOT use harsh solvent based cleaners.

Company Product Information

Environmental

Resene Construction Systems GreenSite® strategy is full circle. Raw material supply through to product application is considered with all products and systems. The process monitors the resources we use and the waste that is produced, whilst maintaining consideration of the environmental performance and the applications of our products. Resene Construction Systems Incorporates 'new' recyclable materials into products ensuring we don't compromise; strength, durability, or integrity. Ultimately reducing our impact on the environment. New recyclables that are currently included in virtually all systems are:

- EPS - new grind from local EPS manufacturers is incorporated into our lightweight plaster products such as LiteRock, and MAX render.
- Glass - refined recycled glass is incorporated into all Rockcote base renders replacing a natural component of sand as a filler.

Relationships



Member of New Zealand Green Building Council



New Zealand Made



Date last validated: **01 November 2021**



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