

Concrete Finishes - Cerano Finish over Plasterboard - Acrylic RenderSpec

General

Description of Works/Specification Notes

The system incorporates the application of a Cerano concrete finish.

Building Code Compliance

If the project has a building consent then the following clauses apply.

B2 - Durability

This specification complies with the requirements as set out in B2 - Durability which must always be considered when demonstrating compliance with each of the clauses of the Building Code. It ensures that a building throughout its life will continue to satisfy the performance of the Building Code. It confirms the use of materials that will remain functional throughout the specified intended life of the building, but not less than 50, 15 or 5 years

This system meets the expected durability of the NZBC of at least 5 years

On Going Maintenance Instructions

Provide ongoing maintenance instructions required to meet the performance requirements of the NZBC.

Building Consent Authority Requirements

All the appropriate inspections are to be carried out by a BCA representative and that it complies with the NZBC requirements.

Documents

Abbreviations

The following abbreviations are used throughout this work section:

- BCA - Building Consent Authority
- LBP - Licensed Building Practitioner
- PPCS - Proprietary Plaster Cladding System
- MPNZA - Master Painters of New Zealand Association
- MSDS - Material Safety Data Sheet
- NZBC - New Zealand Building Code

Manufacturers Documents

Copies of the above relevant company documents referred to in this specification are available at;

Resene Construction Systems
Web: reseneconstruction.co.nz
Telephone: 0800 50 70 40

No Substitutions

Substitutions are not permitted to any specified Resene Construction Systems system. Materials and execution to Resene Construction Systems specification except where varied by this specification and supported by architectural detailing.

Documentation

Finish Sample

Submit one 300 mm x 300 mm sample of the selected texture finish and colour for approval on request by the main contractor or specifier. Obtain signature of acceptance on sample and return to the Registered Plasterer.

Maintenance Instructions

Provide Resene Construction Systems Maintenance Guide on or before practical completion of the contract for issuing to the building owner. Resene Construction Systems Maintenance Guide to be provided on request.

Health and Safety

Refer to the requirements of the Health and Safety in Employment Act 2015 and Worksafe NZ: Guidelines for the provision of facilities and general safety in the construction industry. If the elimination or isolation of potential hazards and risks is not possible then minimise hazards and risks in this work on site by using the proper equipment and techniques as required in the MPNZA Painters hazard handbook. Supply protective clothing and equipment. Inform employees and others on site of the hazards and put into place procedures for dealing with emergencies. Obtain from Resene Construction Systems the Material Safety Data Sheets for each product. Keep sheets on site and comply with the required safety procedures. Confirmation at the start of the project as to whether a Site Specific Safety Plan is to be produced by the Registered Plasterer prior to works starting.

Warranty

Warrant this system under normal environmental and use conditions against failure. Resene Construction Systems system warranty.

Materials: by Resene Construction Systems - 5 Years Materials only

Execution: by Registered Plasterer - 5 Years Workmanship only

Components Used

Acrylbond Resin - 20kg

- Multi-purpose Resin supplied in 20kg containers

MultiStop Bedding Compound

- Polymer-modified, cement based dry plaster mix. Supplied in 20kg bags.

Polymer Render

- 100% acrylic, high-build texture coating. Supplied in 15 Litre pails

Cerano Deep Base

ROCKCOTE Cerano is a flexible acrylic based coating manufactured using 100% acrylic emulsions, quality graded quartz and other additives blended together to provide a natural coloured render finish over many substrates. ROCKCOTE Cerano provides a seamless and natural solid rendered look, with the flexibility and performance required for all solid masonry substrates and modern lightweight walling systems.

Resene Aquapel - Waterbourne

- Resene Aquapel is a water repellent treatment formulated to help control efflorescence and give a long-term water-beading effect to deter water penetration.

Installation/Application

Resin/MultiStop Bedding Slurry Coat

Surface Preparation

Ensure surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen.

Application

Mix a solution of Acrylbond and Rockcote MultiStop together and apply using a roller or brush. A high solids roller can also be used to ensure the solution is evenly distributed across the wall surface.

For pourous substrates (eg. brick, concrete) mix a 50:50 4L mix of Acrylbond/water and a 1 kg of MultiStop/AAC Adhesive/Hydroplast to the mix.

For other surfaces (including painted) ensure a 4 Litre of Acrylbond is mixed directly with 1 kg of MultiStop/AAC Adhesive/Hydroplast.

If you are unsure of the surface you are applying the slurry to, apply to a small section of wall and test for adhesion.

Rockcote Polymer Render

Description:

Polymer Render/Torino is an acrylic based texture for use over mesh coats on a variety of substrates both interior and exterior. Polymer Render/Torino is an attractive, subtle, granular texture ideally suited to modern construction. Apply as 1 coat to achieve desired finish. Polymer Render/Torino is also used prior to applying an Acrylic Texture over ICF Block (Polyblock) and Fibre Cement Backer Boards/Sheets.

Application

Texture is applied not less than 1mm with a steel trowel to a flat finish then float using a circular action to an even texture over the following five minutes with a plastic float. Apply plaster only when the temperature is between 5°C and 30°C and will be in that range for the 24 hours period following application.

Coverage approximately 15m² per pail

Rockcote Cerano (2 Coats)

Limitations

Check colour before use
Ensure same batch numbers are used on a single wall where possible
Should not be applied in temperatures below 5°C or above 35°C
Not suitable for areas of continual damp or areas submerged in water

Surface Preparation:

ROCKCOTE Cerano must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants. Substrates must not contain more than 15% moisture prior to application. Do not apply if air and surface temperatures are below 5°C or above 35°C. Must be applied over the top of ROCKCOTE Polymer Render. When applied over Fibre Cement Sheet then RMaxx must be used.

Application

Check colour before use. Ensure same batch numbers are used on a single wall where possible. Mix to help reactivate and aerate contents. Apply evenly over the properly prepared substrate with a hawk and trowel. Ideally apply slightly thicker than the sand granules to achieve optimum results. Finish with a steel or Venetian trowel. Be sure to keep a wet edge with this product and plan your work to suit the product and weather conditions. If joining up to previous day's application, it is "good working practice" to start and finish on an external or internal corner. Keep sheltered from rain & moisture for 24 - 48 hrs after completion dependent on climatic conditions.

Coverage approximately 2-2.5m² per litre

Resene Aquapel - Waterborne (2 Coats)

Surface preparation

Ensure surface is clean and dry, free from dirt, dust and loose material, oil, grease and mould.

Waterblasting is the best exterior surface preparation method prior to painting.

Application

Stir thoroughly before use. Apply by brush, roller or low pressure spray. Recoat after six hours under normal conditions.

Dependent on surface porosity – typically 2.5 sq. metres per litre for concrete block, 8-11 sq. metres per litre for concrete (tilt, precast and plaster)

Water repellence will reduce over time. To maintain water repellence reapplication will be usually required every three years or when water repellence disappears. Reapplication will be required when water applied to the treated areas does not form beads.

Important:

This specification must be read in conjunction with the Resene Construction Systems technical drawings.

No alteration to the Resene Construction Systems RenderSpec® is permitted.

All Technical Data Sheets are available at <https://reseneconstruction.co.nz/technical-library/technical-data-sheets/>

All Safety Data Sheets are available at <https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>