

ROCKCOTE Otsumigaki Japanese Clay/Lime Finishes - Gib Board RenderSpec

General

Description of Works/Specification Notes

ROCKCOTE Otsumigaki is a pr. e-mixed clay and lime plaster that can be coloured with oxides and provides a lustrous hard finish. Otsumigaki is manufactured from pure minerals and natural binders.

ROCKCOTE Otsumigaki is composed of hydrated lime, natural aggregates and additives.

ROCKCOTE Otsumigaki can be tinted with alkali resistant mineral pigments to achieve a range of natural colours and attractive patina effects. When applied by a skilled 'Resene Construction Systems Artisan' ROCKCOTE Otsumigaki can be worked to a smooth polished look, but many different styles of finish can be achieved by using different trowels, floats, sponges and finishing techniques.

Properties

- Abrasive strength: Excellent
- Adhesion: Excellent
- Vapour Permeability: No vapour barrier formed
- VOC: N/A
- Colour: white (untinted)
- Packaging: 15 ltr pails
- Clean up: Water while product is wet
- Use by: 12 months from date of manufacture
- Storage: Cool, dry place
- Application Temperature: + 5 °C to + 30 °C
- Usual No Coats: 2
- Drying/Curing Time: 7 days
- Touch Dry: 24-48 hours
- Dry to Recoat: 30 minutes to one hour
- Film Build: Approximately Minimum 0.5mm – Maximum 1.5mm dry film build per coat
- Thinning: N/A
- Mean Vapour flow rate: 169g/m²d (ASTM E96/E96M-13 Water Method)
- Mean Resistance: 0.71MNs/g (ASTM E96/E96M-13 Water Method)
- Fire Group Classification: 1-S (Test in accordance with ISO 5660:2002)

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

F2 - Hazardous building materials

This specification complies with the requirements as set out in F2 - Hazardous building materials which safeguards people from illness and injury from quantities of gas, liquid, radiation and solid particles caused by exposure to building materials

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](tel:0800507040)

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 - 15 Years Materials only

Execution: by Registered Plasterer - 5 Years Workmanship only

Components Used

Resene Quick Dry

- Resene Quick Dry waterborne primer undercoat provides long-term flexibility over unstable substrates coupled with exceptional durability even when left uncoated for prolonged periods.
- Installed over the plastered joins prior to a full sealer coat/slurry coat

Resene AnchorCoat

- Water based acrylic basecoat for Resene Anchorcoat. Supplied in 10 litre pails.

Otsumigaki Interior Plaster

ROCKCOTE Otsumigaki is an extremely versatile product that allows the skilled artisan to achieve a wide range of stunning decorative effects for interiors.

A polished earthen lime finish, ROCKCOTE Otsumigaki can be used in interior high traffic areas in residential settings such as entrances, stairwells and halls.

Meaning “polished and compressed” in Japanese, Otsumigaki draws inspiration from the lime and clay interior finishes used in traditional Japanese homes. The product is applied with a trowel in two tight coats and then polished with a Japanese Trowel and Carnauba Wax.

The polishing process compresses the lime and clay creating a soft, smooth, even feel across the surface and a pearly lustre finish.

The beauty of ROCKCOTE Otsumigaki lies in its ability to create textural depth in a smooth, flat surface. Create a dreamy feature wall in its natural colour mixed with oxides and lightly polished to give warmth, depth and lustre. ROCKCOTE Otsumigaki has a subtle elegance that gives walls life yet allows the surrounding elements in the space to speak for themselves.

ROCKCOTE Otsumigaki can be tinted to a wide variety of colours, however it is neither possible nor desirable to achieve an exact colour match due to the uniqueness and variations in a natural mineral product.

ROCKCOTE Otsumigaki can be used over traditional natural plasters such as ROCKCOTE Earthen Renders, as well as all common building substrates when prepared with a coat of ROCKCOTE EcoStyle Sealer/Undercoat with grit. It is not suitable for exteriors or wet areas.

USES:

- High traffic areas in residential settings such as entrances, stairways and halls where a more durable finish is required
- Feature walls
- Entire interiors
- Not suitable for exteriors or wet areas

Carnauba Wax (Liquid)

ROCKCOTE Liquid Carnauba Wax is a water based emulsion of carnauba wax that can be used over ROCKCOTE Venetian Plaster or ROCKCOTE Otsumigaki for a hard, durable, clear finish and a beautiful hard polish feel.

The 20L drum comes with a tap for easy decanting. It is already fully diluted and ready to use. It therefore does not require the addition of any water before use.

Application and Coverage

- Apply with a standard spray bottle and trowel into the surface until liquid disappears. An orbital sander with a buffing fabric can be used for larger walls, once the Liquid Carnauba Wax has been troweled in.
- Only one coat should be required initially. Additional coats may need to be added over time.
- Liquid Carnauba Wax should not be applied if temperatures are below 4°C or above 40°C.
- On a smooth finished surface of ROCKCOTE Otsumigaki, 1Lt of Carnauba Wax will finish approximately 10m² of plaster.

Installation/Application

Check and Prepare Plasterboard Linings

Preparation based on new substrate installations.

2.8.1.Preliminary Checks

Plasterboard must be taped and stopped to a level 4 finish according to Plasterboard manufacturer's specifications.

2.8.2.Clean Surface

If the substrate has been left for a period of time, dust and dirt may build up on the surface. This contamination must be removed prior to application of paints and Render.

2.8.3.Masking

Before application of paints and Render apply masking to all areas likely to be marked by the Render. Use drop cloths and ground covers to keep the working areas clean.

Resene QuickDry

Application

Apply by brush, speed brush, synthetic fibre roller or spray. Spray application is generally not preferred for the first coat.

Apply one to two coats of Resene Quick Dry allowing two to four hours between coats. Lightly sand between coats. For porous surfaces, it may be desirable to thin the first coat with up to 10% clean water.

Resene Anchorcoat

Application

Apply to trowelled plasters once dry (Dependent on surface porosity, typically 6.5m² per litre). Apply one coat of the sealer over the substrate by or brush or a Hi-Solid roller sleeve and allow to dry. Evenly coat all surfaces to ensure uniform curing.

Rockcote Otsumigaki (2 Coats)

Rockcote Otsumigaki Finish Coat

Carnauba Wax (Liquid)

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/>