

Product name:

Otsumigaki Interior Plaster

Product Line:

Plaster / Interior Finish

Product description and its intended use:

ROCKCOTE Otsumigaki is a pre-mixed clay and lime plaster that can be coloured with the Resene Total Colour System or with oxides, providing 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 using different trowels, floats, sponges and finishing techniques.

Features

- It can be polished to a lustre or glass finish
- Breathable
- Resistant to moisture and humidity
- Achieve a range of specialist finishes and textures

Benefits

- The lime and clay formulation creates a tough and durable finish
- Allows surfaces to breathe and can help to improve indoor air quality
- Ability to create textural depth in a smooth, flat surface
- People and planet-friendly
- Will improve internal air quality

Typical Use:

It can be applied over a range of standard interior building substrates following correct surface preparation, e.g. Gypsum plasterboard, fibre cement sheet, masonry block & brick. Ideal for use in interior high-traffic areas in residential and commercial settings such as entrances, stairways and halls. Not suitable for use in wet areas. ROCKCOTE Otsumigaki will comply with regulations surrounding refurbishing and repairing heritage-listed and architecturally sensitive buildings.

Product identifier:

The product name with the production date is printed on the finished bucket.

Place of Manufacture:

Australia

Legal and Trading Information:

Legal and trading name of the manufacturer(s):	Rockcote Australia
Address of the Manufacturer:	18 Machinery Rd, Yandina QLD 4561, Australia
Website Address:	https://rockcote.com.au
Email Address:	enquiries@rockcote.com.au
Phone Number:	+61 1300 736 668

Legal and trading name of the importer(s):	Rockcote Resene Limited
Address of the Manufacturer:	32-50 Vogel Street, Naenae, Lower Hutt
Website Address:	https://reseneconstruction.co.nz
Email Address:	help@reseneconstruction.co.nz
Phone Number:	0800 507040
NZBN:	9429034745786

This product is not subject to a warning or ban under s26 of the Building Act.

Relevant Building Code clauses:

- Clause B1 - Structure - Performance B1.3.1, B1.3.2 and B1.3.4
- Clause B2 - Durability - Performance B2.3.1 (b) 15 years, B2.3.1 (c) 5 years and B2.3.2
- Clause E2 - External Moisture - Performance E2.3.2
- Clause F2 - Hazardous Building Materials - Performance F2.3.1

How the building product is expected to contribute to compliance:

This product is used and has been tested as part of a wider system.

B1 - This product has a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during construction or alteration and throughout its life. This product has a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout its life and during construction or alteration when the building is in use. This product has made allowance for the requirements of this functional requirement.

B2 - When installed in accordance with the system specifications and drawings, it will meet this performance requirement. Based on material properties and history of use, this product has been assessed to have a durability of at least 15 years when installed as part of a system. This product must be installed in accordance with the relevant specifications outlined in the design section of this document.

E2 - When installed in accordance with the system specifications and drawings, it will meet this performance requirement.

F2 - This product is safe when handled in accordance with its Technical and Safety DataSheet. Dust resulting from sanding and mixing compounds may be a respiratory irritant, and the use of suitable respiratory protection is required. This product meets the requirements set out in F2 and will not present a health hazard to people once installed.

Limitations on the use of the building product:

ROCKCOTE Otsumigaki does not have the ability to bridge "live" cracks in the substrate. Do not apply in direct sunlight.

ROCKCOTE Otsumigaki is alkaline due to the inclusion of lime. Please ensure adequate PPE is used when mixing and applying.

ALWAYS WEAR PROTECTIVE EYEWEAR, DUST MASK & GLOVES WHEN HANDLING DRY OR LIQUID MATERIAL.

IMPORTANT: A first aid kit with eye wash is highly recommended. Apply hand protection cream prior to using the material.

This product should not be applied over wood, PVC or metal-based products.

This finish should not be applied in temperatures below 5 degrees C or above 35 degrees C

This finish is not suitable for wet areas.

Resene Construction Systems recommends that this product be applied by a licensed tradesperson who has extensive experience in applying these products for similar applications to your particular project. The success of each project requires the tradesperson to have a thorough technical knowledge of appropriate building design, substrate conditions and their client expectations to determine if this product is fit for the purpose expected for your particular project

This product should not be applied over wood, PVC or metal-based products.

It should be noted that Resene Construction Systems products do not satisfy code requirements on their own but deliver code-compliant performance when used as part of a Resene Construction System's system and installed in accordance with the specific specifications.

These products must be handled carefully as a finishing material and kept dry during transportation and storage.

Design requirements that would support the use of the building product:

Specific applications, design and installation instructions are available for each system on our website. This outlines where this product should be installed as part of the wider system.

Typical Data at 25°C and 50% Relative Humidity

Coverage Rate:	20 square metres per 15-litre pail at 1mm thickness
Substrates:	All prepared base coats of plaster, plasterboard
Abrasive strength:	Excellent
Adhesion:	Excellent
Vapour Permeability:	No vapour barrier formed
VOC:	1 grams per litre
Colour:	white (untinted)

Packaging:	15 ltr pails
Clean up:	Water while the 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/m ² d (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)

Installation requirements:

Building work must be undertaken by competent and experienced tradespersons familiar with installing Resene Construction Systems systems.

Before applying the product, ensure the surface is clean, sound, dry and free from dust, dirt,

Tools:

Refer to the Resene Construction Systems Otsumigaki tool guide.

Any base coats should be fully cured. Substrates should be installed as per the manufacturer's specifications. Any cracks are to be raked out, cleaned and reinforced. Off-form and smooth concrete surfaces must be prepared with a slurry or base render applied as per specification to provide an adequate "key".

When using ROCKCOTE Otsumigaki over lightweight walling systems such as EPS, AAC and Fibre Cement Sheet, please contact Resene Construction Systems for correct system advice.

ROCKCOTE Otsumigaki is pre-mixed but should be properly stirred prior to application.

Application: Applied in two coats of equal thickness.

Care must be taken not to exceed the maximum film build recommendations or cracking of the dried film may occur.

Porous substrate - Concrete block/brick / AAC / raw concrete.

Rockcote Masonry Render System with reinforcement must be applied over concrete block, brick, and AAC before the following application.

Applying a floated coat of a base render (rough surfaces) to level the surface and remove imperfections to provide a uniform surface.

Gypsum/ fibre cement sheet interior - Stop the sheet joints flush, and apply a coat of Resene Broadwall primer to the entire area, ensuring an additional coat is applied to the stopped joints.

Apply the first coat of Rockcote Otsumigaki to the prepared substrate. Allow the first coat to 'take

up' - generally 30 mins - 1 hour at 18 degrees prior to applying the second coat.

Apply the second coat of Rockcote Otsumigaki directly over the first coat. 'Tighten' the surface by gently trowelling with CO.ME brand 'Otsumigaki' polishing trowel or Japanese polishing trowel. Leave the Otsumigaki to 'take up' slightly before wiping lightly with the polishing trowel to achieve the required polish/sheen.

External & Internal Corners - Treat internal and external corners with the CO.ME internal or external corner trowel to provide a solid soft corner to the wall edges.

Waxing:

Rockcote Carnuba Wax can be applied to aid in the water resistance and cleanability of the surface.

Curing:

Curing takes up to 7 days. This is dependent on humidity, substrate and drying rates in the room. The product, once polished, is hard enough for normal expected use within 7 days.

Maintenance, Environmental and Safety Requirements:

Modern cleaners were not invented when this product was developed thousands of years ago, so we do not recommend using them now.

Do not use household cleaning agents or scouring sponges.

Wash equipment and spills as soon as possible with water.

Ensure washing water does not enter waterways. Wet waste should be disposed of in empty bags and, once dry, disposed of in trade waste. The powder is irritating, and appropriate PPE dust masks are advised when handling. The wet compound is alkaline, and prolonged skin contact should be avoided. Wear rubber gloves, dust masks and safety glasses when handling products.

Material Safety Data Sheets are available upon request or access directly from

<https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>