

Technical Data Sheet

Rockcote Otsumigaki

Description:

ROCKCOTE Otsumigaki is a pre-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.

Features

- Can be polished to a lustre or glass finish
- Breathable
- Resistant to moisture and humidity
- Low VOC
- 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:

Can be applied over a range of standard interior building substrates following correct surface preparation eg. Gypsum plaster board, fibre cement sheet, masonry block & brick.

Ideal for use in interior high traffic areas in residential and commercial settings such as entrances, stairwells and halls. Not suitable for use in wet areas.

ROCKCOTE Otsumigaki will comply with regulations surrounding the refurbishment and repair of heritage listed and architecturally sensitive buildings.

Limitations:

ROCKCOTE Otsumigaki does not have the ability to bridge “live” cracks in the substrate. Do not apply in direct sunlight. Do not apply if temperature will fall below 5C or go above 35C at any stage during application or curing.

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

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

IMPORTANT : First aid kit with eye wash highly recommended. Apply hand protection cream prior to using material.

Technical Data:

Typical Data at 25°C and 50% Relative Humidity

Coverage Rate: 20 square metres per 15 litre pail at 1mm thickness

Film Build: Minimum 0.5mm – Maximum 1.5mm

Touch Dry: 24 to 48 hours

Recoat: 30 minutes to one hour

Curing Time: 7 days

Moisture Control: Good

Abrasion Resistance: Very Good

Usual No Coats: 2

Packaging Sizes: 15 ltr pails

Clean Up: Water

Tools:

Refer to Resene Construction Systems Otsumigaki tool guide.

Surface Preparation:

The substrate should be stable, dust and dirt free, and be able to receive a coating. Any base coats should be fully cured. Substrates should be installed as per manufacturer's specifications. Any cracks are to be raked out and cleaned and reinforced. Off form and smooth concrete surfaces must be prepared with ROCKCOTE PM100 Quick 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.

Mixing:

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 is required to be applied over concrete block, brick, and AAC prior to the following application.

To provide a uniform surface apply a floated coat of Rockcote PM100 Quick render (rough surfaces) to level the surface and remove imperfections.

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

Apply 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 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:

Application of 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 dependant on humidity, substrate and drying rates in the room. The product once polished is hard enough for normal expected use within 7 days.

Cleaning the surface:

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.

Clean up:

Wash equipment and spills as soon as possible with water.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste can be soaked into land or disposed of in trade waste. The powder is an irritant and paper dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust mask and safety glasses when handling product.

Store in a cool dry place. Product should be used within 6 months of manufacture.

Material Safety Data Sheets are available on request.