

**Product name:**

# MicroStone Interior Plaster

**Product Line:**

Plaster / Interior Finish

**Product description and its intended use:**

ROCKCOTE MicroStone creates a natural stone finish that exudes elegance across a multitude of spaces. MicroStone can be applied over a range of substrates and surfaces for a bespoke seamless finish. MicroStone is a two-part water-based product;

Part A 10L and Part B 5L. Exemplifying excellence, this product exhibits minimal shrinkage and ensures a flawless result every time. Discover the true essence of luxury with ROCKCOTE MicroStone.

Features

- It can be sanded for a smooth finish.
- Easy to use.
- Exhibits minimal shrinkage.
- Excellent adhesion qualities.

Benefits

- Durable.
- Ease of maintenance when sealed.
- Unique Appearance.

Typical Use:

- MicroStone is suitable for applying over properly primed and prepared substrates such as brick, block, cement render, Rockcote render, concrete, cement sheeting, and plasterboard.
- It can be over-coated with Rockcote MicroFinish Sealers for added durability and lower maintenance on wall applications.
- Suitable for Interior and Exterior use.

**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 T/A Resene Construction Systems  
Address of the Manufacturer: 18 Machinery Rd, Yandina QLD 4561, Australia  
Website Address: <https://rockcote.com.au>  
Email Address: [enquiries@rockcote.com.au](mailto:enquiries@rockcote.com.au)  
Phone Number: [+61 1300 736 668](tel:+611300736668)

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](mailto:help@reseneconstruction.co.nz)  
Phone Number: [0800 507040](tel:0800507040)  
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.

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.

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:**

It should not be applied over glossy silicone-based paints or sealants.

It should not be applied to any release agents.

Not suitable for application in swimming pools.

No water or condensation should contact the coating for 5 days from installation.

Between coats, it's important to have adequate airflow, especially in humid environments, including wet areas.

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

Do not focus heaters directly on the coating.

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 applying these products for applications similar to your project. The success of each project requires the tradesperson to have a thorough technical knowledge of appropriate building design, substrate conditions and client expectations to determine if this product fits the purpose expected for your project.

This product should not be applied to 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.

### **Transport and Storage**

- Store in a cool, dark place.
- Keep pails sealed.
- Do not stack same-sized pails over three high.

### **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 broader system.

Typical Data at 25°C and 50% Relative Humidity

Coverage Rate:	12-14m <sup>2</sup> /15Ltr @ 1mm build per coat
Substrates:	Plasterboard, Concrete Block, Fibre Cement Sheet
Abrasive strength:	Excellent
Colour:	Available in light base and can be tinted using liquid tints (max. 3%).
Packaging:	Part A 10L : Part B 5L
Clean up:	Water
Thinning:	Add up to 1.5% of clean water to assist with consistency for ease of application or 300ml / per kit.r
Use by:	6 months from date of manufacture
Storage:	Cool, dry place
Application Temperature:	+ 5 °C to + 35 °C
Usual No Coats:	1-2. Do not apply greater than 2mm per coat, use multiple coats for higher build.
Drying Time:	2-4 hours
Touch Dry:	1 hour
Dry to Recoat:	Dry to recoat 24 hours prior to Sealer application
Curing Time:	No water or condensation should contact the coating for 5 days from

	Installation.
	It is important to have adequate airflow between coats, especially in humid environments, including wet areas.
Dry Film Build:	1mm
Wet Film Build:	1-2mm
Walkable Hardness:	24 hours
Fire Group Classification:	1-S (Test in accordance with ISO 5660:2002)

### **Substrate Conditions**

- Must be applied over properly base-coated or primed and prepared substrates free of dirt, dust, grime and other contaminants.
- All base coats should be fully cured before applying ROCKCOTE MicroStone.
- The moisture content in the substrate must be below 15% WME (Wood Moisture Equivalent) before and during the application of the specified ROCKCOTE MicroStone coating system.
- Do not apply if air and surface temperatures are below 10°C or above 35°C.
- All substrates must be installed as per manufacturer specifications before application.

### **Mixing**

- Mixing ratio by Volume: Part A 66% / Part B 33%. Kit weight ratio Part A 15kg / Part B 5.5kg.
- Before using stir Part A (10L wet component) to aerate content,
- Slowly add Part B (5L dry component) into Part A pail while mixing. Mix Part A thoroughly and combine Part B until homogenous.
- Mix to a smooth, lump-free consistency.
- To allow for proper hydration, let the product stand for 10 minutes, then re-mix for 1-2 minutes to a smooth paste consistency.
- To adjust consistency, ROCKCOTE MicroStone can be thinned up to 1.5% or 300ml / kit using clean water.
- Mixed Pot Life 90 minutes. Discard after this time.

### **Application**

- Ensure the surface is properly prepared and ready to receive the MicroStone coating system.
- Any prior plaster coatings must be cured for a minimum of 48 hours or less than 15% WME before overcoating with a slurry mix
- The slurry mix must be allowed to dry for 4 hours before applying ROCKCOTE MicroStone.
- Apply the first coat in a tight and thin manner. When touch dry the application of the second coat can be commenced.
- Once the second coat is touch dry, go over it with a steel trowel to tighten and compress the coating. This will help to smooth any inconsistencies.
- When working in small areas, increased airflow is recommended to assist drying.
- Drying times will be affected by cooler air and substrate temperatures.

### **Sanding**

- Sanding will be required to remove any minor imperfections in the MicroStone finish. The degree of sanding and the grit coarseness will depend on the MicroStone finish chosen.
- A random orbital sander fitted with a dust extractor or vacuum pump is highly recommended for sanding ROCKCOTE MicroStone finishes.

- Sanding screens are recommended as they will give a better finish, and will not clog during use like sandpaper and will reduce the risk of scratching the finish.
- ROCKCOTE MicroStone can be sanded once the MicroStone finish has dried completely.
- The recommended coarseness of the sanding screens and sandpapers are: Smooth Finish - 240 grit, Textured Finish - 180 grit and Exposed Stone Finish - 120 grit.
- Light hand sanding is recommended for small and detailed areas only.

**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/>