

TECHNICAL DATA SHEET

ROCKCOTE®

Rockcote MicroStone

Active From: 28 Oct 2025

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 ensuring a flawless result every time. Discover the true essence of luxury with Rockcote MicroStone.

Features

- Unique Appearance.
- Excellent adhesion qualities.
- Durable and easy to maintain when sealed.
- Easy to apply and can be sanded to create a smooth or textured finish.

Uses

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

Colours and Gloss

Available in light base and can be tinted using oxides or liquid tints (max. 3%).

Coverage Rate: 12-14m²/15Ltr @ 1mm build

Application Method: Trowel

Dry Film Build: 1mm

Wet Film Build: 1-2mm

Walkable Hardness: 24 hours

Typical Data at 25°C and 50% Relative Humidity

Drying Time: 2-4 hours

Touch Dry: 1 hour

Dry to Recoat: Dry to recoat 24 hours prior to Sealer application

Curing Time: 7 days

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

Between coats it is important to have adequate air flow, especially in humid environments, including wet areas.

No of Coats: 1-2. Do not apply greater than 2mm per coat, use multiple coats for higher build.

Clean Up: Water

Packaging Sizes: Part A 10L : Part B 5L

Thinning: Add up to 1.5% of clean water to assist with consistency for ease of application or 300ml / per kit.

Abrasion Resistance: Excellent

Pot Life: Once Part A and Part B is mixed together, approx. 90 minutes.

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Substrate Conditions

- Must be applied over properly base-coated or primed and prepared substrates that are free of dirt, dust, grime and any other contaminants.
- All base coats should be fully cured prior to the application of Rockcote MicroStone.
- The moisture content in the substrate must be below 15% WME (Wood Moisture Equivalent) prior to 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 manufacturers specifications prior to application.

Mixing

- Mixing ratio by Volume: Part A 66% / Part B 33%. Kit weight ratio Part A 15kg / Part B 5.5kg.
- Before use 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 10 minutes, then re mix for 1-2 minutes to a smooth paste consistency
- If required, to adjust consistency, Rockcote MicroStone can be thinned up to 1.5% or 300ml / per kit using clean water.
- Mixed Pot Life 90 minutes, discard after this time.

Application

- Ensure surface is properly prepared and ready to receive the MicroStone coating system
- Rockcote MicroBase must be cured for a minimum of 48 hours or less than 15% WME before overcoating with Rockcote MicroPrime.
- Rockcote MicroPrime must be allowed to dry for 4 hours before applying Rockcote MicroStone.
- Apply first coat in a tight and thin manner, when touch dry application of second coat can be commenced.
- Once the second coat is touch dry, go over 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 be dependent on the MicroStone finish chosen
- The use of a random orbital sander, fitted with dust extractor or vacuum pump is highly recommended for sanding of 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.

Precautions and Limitations

- Should not be applied over glossy silicone based paints or sealants.
- Should not be applied over 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 its important have adequate air flow especially in humid environments, including wet area's.
- Avoid temperatures above 40°C when mechanically heating area to dry. Do not focus heaters directly at the coating.

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Transport and Storage

- Store in a cool dark place.
- Keep pails sealed.
- Do not stack same sized pails over 3 high.

Disposal

- Dispose of in accordance with local council regulations

Safety Data

Refer Rockcote MicroStone Part A SDS + MicroStone Part B SDS.

Disclaimer

Rockcote Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, Rockcote Enterprises Pty Ltd reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.