

## Rockcote MicroFinish I Epoxy Sealer

Active From:

21 Jun 2024

MicroFinish I Epoxy Sealer is a two-pack, water-borne epoxy coating with excellent film properties and surface hardness. It is a self-priming and environmentally friendly coating system, ideal as a MicroStone coating due to its outstanding adhesion and chemical resistance. MicroFinish I Epoxy Sealer is durable, low in VOC, and resistant to chemicals, solvents, and salt spray. It can be easily brushed or rolled, offers excellent surface hardness and water resistance, and may be applied in temperatures as low as 8°C. When over coated by MicroFinish II Polyurethane Sealer it is perfect for wet areas, hardwearing areas, commercial spaces, and seamless flooring.

### Features

- Durable
- Low VOC
- Chemical resistant
- Solvent resistant
- Salt spray resistant

### Benefits

- Can be easily brushed or rolled.
- Excellent surface hardness and water resistance
- May be applied down to 8°C.
- Vapour permeable breathable coating.

### Uses

Suitable for Interior use only in in wet area's, trafficable floors both commercial and residential, furniture/cabinetry and benchtops. This product is to be overcoated by MicroFinish II Polyurethane Sealer for a satin finish that protects and highlights the MicroStone finish qualities.

### Colours and Gloss

White, then dries clear

**Sheen Level:**

Gloss

**Coverage Rate:**

8-10 m<sup>2</sup>/litre Walls  
6-7 m<sup>2</sup>/litre Floors

**Application Method:**

Roller 11mm nap "Oldfields Pro Series", Air or airless spray (tip range = 15-19Thou), or brush. (Apply between 8-35°C)

**Dry Film Build:**

40 to 60µ DFT Per coat

**Wet Film Build:**

100 - 170µ WFT per coat

### Typical Data at 25°C and 50% Relative Humidity

**Drying Time:** 24 hours (foot traffic)  
96 hours (heavy traffic)

**Touch Dry:** 4 hours

**Dry to Coat:** 12-36 hours

**Curing Time:** 7 days

When overcoating MicroFinish I Epoxy the application must occur within 12-36hrs at 25°C.

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.

**No of Coats:**

1 coat

**Clean Up:**

Use Water or Acetone

**Packaging Sizes:**

Part A - 2 Litres. Part B - 2 Litres

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<b>Thinning:</b>	Thin up to 10% if required
<b>Abrasion Resistance:</b>	Very Good
<b>Moisture Control:</b>	Excellent
<b>Water Resistance:</b>	Hot water resistance 70°C
<b>Pot Life:</b>	1 hour@25°C

### Substrate Conditions

- Surface preparation is the responsibility of the Applicator, Builder, Renovator or Main Contractor.
- Substrate must be clean and free of loose material, dust, dirt, oil, salt, mould or any other contamination.
- The moisture content in MicroStone (or other substrate) must be below 6% WME (Wood Moisture Equivalent) prior to and during the application of the specified Rockcote MicroStone coating system.

### Mixing

- 1:1 (Pack A 2lt : Pack B 2lt) by Volume. Ensure both parts are completely blended together before use.
- If thinning required, mix Part A and Part B thoroughly then add up to 5% water.
- Once Part A & Part B have been mixed the total contents are to be used prior to pot life limit (1 hour). If not applied in this time the remaining product must be disposed according to local regulations. Continued use after this time is not recommended.

### Application

- Do not allow material to remain in hoses, gun or spray equipment. Once units of paint have been mixed, they should not be resealed. It is advised that after prolonged stoppages, recommence work with freshly mixed units.
- Always use new or clean rollers and frames to avoid cross contamination.
- Defluff roller using masking tape to remove the loose fibres from the roller sleeve.
- Ensure there are no air bubbles trapped in the coating film. This can be done by back rolling.
- Apply Rockcote MicroFinish I Epoxy Sealer when temperature is between 8-35°C
- If the recoat window of the MicroFinish I Epoxy Sealer and/or MicroFinish II Polyurethane Sealer has passed, it is necessary to sand the surface using a fine to medium grit sandpaper and ensure dust is removed prior to reapplication of the sealer.
- Clean all equipment after use with soap and water or a natural based cleaning solution. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time (including delays).
- Discard all mixed unused MicroFinish I Epoxy Sealer after pot life limit (1 hour) has been reached. Rockcote recommends against continuing the use of the product after this time.

### Precautions and Limits

- Amine bloom may occur if humidity is above 80%. Use ventilation to lower humidity if above 80% or likely to be above 80% over curing period.
- Minimum surface temperature should be at least 3°C above dew point.
- Chalking will occur during full sunlight exposure without loss of film integrity. Can be over coated with MicroFinish II Polyurethane Sealer topcoat for UV resistance.
- Not suitable for areas immersed in water or swimming pools.
- Continuous heat on coating maximum 60°C.
- Once Part A & Part B have been mixed, the total contents are to be used prior to pot life limit (1 hour). If not applied in this time, the remaining product must be disposed according to local regulations. Even though the product appears to be useable is not designed to be applied outside this time period.

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### Transport and Storage

- Store in a cool dark place.
- Keep pail sealed.
- Do not stack over 3 high.
- 12 months if stored in sealed containers away from heat and moisture. Subject to re-inspection thereafter.

### Disposal

- Spilt Material must be absorbed with sand/sawdust and lifted for proper disposal
- Product must not be allowed to run into drains or open bodies of water
- Residual small amounts of leftover paint on brushes and rollers should be wiped on to an old newspaper and allowed to dry, rather than being washed down the sink. Dispose of in accordance with local council regulations

### Safety Data

Refer Rockcote MicroFinish I Epoxy Sealer 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.