

Rockcote MicroFinish II Polyurethane Sealer

Active From:

21 Jun 2024

MicroFinish II Polyurethane Sealer is a unique high-performance water borne two pack acrylic polyurethane sealer. Its ease of application suitable for brush, roller or spray application. This environmentally friendly use and low VOC product is a fast drying coating which is may be applied in conjunction with MicroFinish I Epoxy or MicroFinish III penetrating sealers to provide a durable coating system.

Features

- Durable
- Low VOC
- Excellent abrasion resistance
- Chemical resistant
- Solvent resistant
- Salt spray resistant

Benefits

- Suitable for brush, roller and spray application
- UV Resistant
- Low odour
- Non yellowing
- User friendly

Uses

Suitable for Interior and exterior use to designed to protect and highlight the MicroStone finish. This products versatility allows for it to be applied in wet area's, trafficable floors both commercial and residential, furniture/cabinetry and benchtops.

When slip resistance is required in flooring applications add MicroFinish Anti Slip Additive.

Colours and Gloss

Milky, then dries clear.

Sheen Level:

Satin

Coverage Rate:

8-10 m²/litre

Application Method:

Roller 11mm nap "Oldfields Pro Series", Air or airless spray or brush.

Dry Film Build:

50 to 70µ DFT Per coat

Wet Film Build:

110 - 165µ WFT per coat

Typical Data at 25°C and 50% Relative Humidity

Drying Time: 16 hours (foot traffic)
72 hours (heavy traffic)

Touch Dry: 4 hours

Dry to Coat: 4-36 hours

Curing Time: 7 days

When overcoating MicroFinish II Polyurethane Sealer with itself, application to occur within 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 areas.

No of Coats:

2

Clean Up:

Water

Packaging Sizes:

Part A - 4 Litres. Part B - 0.5 Litres

Thinning:

Thin 1st coat to 10%.

Thin 2nd coat up to 5% if required.

Abrasion Resistance:

Excellent

Moisture Control:

Very good

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Water Resistance: Hot water resistance 60°C

Pot Life: 2 hours at 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 the substrate must be below 6% WME (Wood Moisture Equivalent) prior to and during the application of the specified Rockcote MicroStone coating system.

Mixing

- 8:1 (Pack A 4lt : Pack B 0.5lt) by Volume. Ensure both parts are completely blended together before use.
- When overcoating MicroStone "Textured" finish, thin the first coat of MicroFinish II Polyurethane up to 10% with water, allowing the coating to penetrate into the texture.
- Mix Part A and Part B thoroughly then add 5% water for the first coat. Second coat can be thinned up to 5% if required.
- Ensure there are no air bubbles trapped in the coating film. This can be done by back rolling.
- When slip resistance is required add the appropriate amount of MicroFinish Anti Slip Additive to achieve desired slip resistance.
- Discard all mixed unused MicroFinish II Polyurethane Sealer after pot life limit (2 hours) has been reached. Rockcote recommends against continuing the use of the product after this time.

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.
- Defluff roller using masking tape to remove the loose fibres from the roller sleeve.
- Apply Rockcote MicroFinish Polyurethane Sealer II in an even, uniform and consistent manner, avoiding runs, roller marks or flooding the surface.
- Ensure there are no air bubbles trapped in the coating film. This can be done by back rolling.
- When slip resistance is required add the appropriate amount of MicroFinish Anti Slip Additive to achieve desired slip resistance.
- 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.
- Discard all mixed unused MicroFinish II Polyurethane Sealer after pot life limit (2 hours) has been reached. Rockcote recommends against continuing the use of the product after this time.
- 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).

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Precautions and Limits

- Not to be applied below 10°C and above 85% R.H. (relative humidity)
- Excessive film thickness could cause whitening when used as a clearcoat.
- Not to be applied direct to concrete
- Minimum surface temperature should be at least 3°C above dew point at time of application and initial cure.
- Once Part A & Part B have been mixed, the total contents are to be used prior to pot life limit (2 hours). If not applied in this time, the remaining product must be disposal according to local regulations. Even though the product appears to be useable is not designed to be applied outside this time period.
- When slip resistance is required, add the appropriate amount of MicroFinish Anti Slip Additive to achieve desired slip resistance.
- Ensure there are no air bubbles trapped in the coating film. This can be done by back back rolling
- Not suitable for areas totally immersed in water or swimming pools.

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 II Polyurethane 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.