

Rockcote MicroBase

Active From:

28 Oct 2025

Rockcote MicroBase is a cementitious polymer modified adhesive base coat manufactured to exacting conditions from high quality, washed and graded sands, general purpose White Portland Cement and proprietary additives. Rockcote MicroBase provides a very strong adhesive bond to difficult substrate surfaces such as tiles, and smooth masonry surfaces allowing for subsequent coats of the Rockcote MicroStone product range.

Features

- Easy to apply, only requires addition of water.
- Exhibits minimal shrinkage.
- Water resistant.
- High adhesion.

Uses

Suitable for Interior and Exterior use.

Designed for use as a base coat over all properly prepared substrates including tiles, smooth masonry surfaces, brick and block, off form concrete, tilt up and precast concrete panel.

Coverage Rate:	15m ² /20kg @ 1mm build
Application Method:	3-4mm Square Notched Trowel and steel trowel
Dry Film Build:	1-5mm
Wet Film Build:	Optimum results are normally achieved by applying 1-5mm thick for one coat. Application is not recommended in a single coat greater than 5mm thick.

Typical Data at 25°C and 50% Relative Humidity

Touch Dry:	4-8 hours
Dry to Recoat:	24h Or <15% WME
Curing Time:	48 hours Once initial dry set has occurred, mist with water 1 - 2 to times a day with clean water for 1 day. This is especially important during hot and/or windy weather.

No of Coats:	Suitable for multiple coat application.
Clean Up:	Clean with water immediately after use if render has not cured. Remove any unwanted material or spatter from surfaces with water as soon as possible and preferably before dry. Recently dried render may be more easily removed with warm water and detergent.
Packaging Sizes:	20kg
Abrasion Resistance:	Excellent
Pot Life:	3 hours

Substrate Conditions

- Must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants.
- All substrates must be installed as per manufacturers specifications prior to application.
- Do not apply if air and surface temperatures are below 5°C or above 35°C.
- 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 Rockcote MicroBase if air and surface temperatures are below 5°C or above 35°C.
- Over highly porous surfaces such as porous brick, block, concrete and AAC blocks or panel, seal first with one coat of Rockcote MicroPrime to control suction and improve adhesion.

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Mixing

- Mix 20kg of Rockcote MicroBase with 4.8 – 5.6 litres of clean water for a minimum of 3 minutes, let stand for 7-10 minutes, re-mix and adjust consistency if required.

Application

- For masonry surfaces, wet down the wall and once the sheen has receded apply Rockcote MicroBase to the entire surface and leave rough to provide optimum adhesion for subsequent coats.
- Apply Rockcote MicroBase using a square notch trowel and embed the Rockcote 80gsm Non Adhesive Alkali Resistant Mesh no closer than 2-3mm to the face of the substrate, overlapping the mesh by 100mm on all sides. Apply second coat wet on wet and allow to dry.
- If using as a base coat over off form concrete or tilt up and precast concrete panels, Rockcote MicroBase can be applied in one or two coats with a steel trowel to build or level as required.
- Clean and scuff tiles for optimal adhesion.
- For best results, Rockcote MicroBase is to be applied to a minimum thickness of 1mm, leaving surface suitably keyed to provide optimum adhesion for subsequent coating.
- The application of Rockcote MicroBase is a specialist procedure and should only be carried out by a skilled and experienced applicator, in accordance with Rockcote technical specifications.
- In hot or windy weather conditions, it is advised that Rockcote MicroBase is rewet 2 or 3 times a day with clean water to allow for proper hydration.

Precautions and Limitations

- Should only be applied to glossy impervious painted surface when correctly prepared surface has been roughened for a satisfactory key for Rockcote MicroBase to adhere.
- Should not be applied in temperatures below 5°C or in very hot and windy conditions or above 35°C.
- Protect from freezing temperatures for 24 hours after application.
- Rockcote MicroBase must be used prior to use by date.
- Rockcote MicroBase is 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.

Transport and Storage

- Rockcote MicroBase must be kept dry during transportation and storage. When working with Rockcote MicroBase, observe the usual precautions for handling cement based products.
- Avoid inhalation of the powder, prolonged skin contact and particularly eye contact.
- If contact occurs, flush thoroughly with clean water.
- Wear protective clothing to minimise skin contact and wear goggles where spatter is likely.
- Where spills occur, sweep up dry material or soak up liquid spillage with sand/sawdust and remove to suitable disposal.
- Rockcote MicroBase must be used within 1 year of manufacture.

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 MicroBase 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.