

Technical Data Sheet

ROCKCOTE SOLAR PROTECT

Effective From 15 Nov, 2017

ROCKCOTE Solar Protect is a high performance flexible acrylic membrane roof coating manufactured using 100% acrylic emulsions and other additives blended together to provide long term protection for most roofing surfaces. ROCKCOTE Solar Protect roof paint is suitable for use over steel and tiled roofs and can also be applied as a final finish over ROCKCOTE texture coatings for added durability, weather protection, and resistance to dirt pick-up, providing an attractive satin or gloss finish.

Features

- Water based.
- Easy to use.
- Flexible.
- Vapour permeable.
- Durable.
- Easy to maintain.

Benefits

- Excellent colour retention.
- Water repellent.
- Long term exterior protection.
- Mould resistant.
- Scuff resistant.
- Tough.

Uses

- Suitable to go over properly prepared roofing surfaces.
- Provides excellent added durability and ensures a low maintenance coating.

Colours and Gloss

- Can be tinted to a wide range of colours.

Sheen Level Gloss or Satin

Coverage Rate 5m²/ltr
Approximately 5 square metres per litre, Figures are a guide only. Coverage rates vary according to substrate, application technique, wastage factors and substrate preparation.

Application Method Spray or roller

Dry Film Build 80 microns

Wet Film Build 200 microns

Typical Data at 25°C and 50% Relative Humidity

Drying Time 4 hours

Touch Dry 1.5 hours

Dry to Recoat 4 hours

Usual No Coats 2

Clean Up Clean with water immediately after use. Recently dried material can be removed with methylated spirits.

Packaging Sizes Trade 20L 15L 10L 4L 1L

Volume Solids 40

Thinning 0.05

Elongation Rate

Crack Bridging Excellent

Abrasion Resistance Excellent

Moisture Control

Water Resistance Excellent

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Substrate Conditions

- All surfaces should be clean and free from loose material such as oxidised tile surface coatings, tree saps and pollens, guano and flaking paint. Powdery surfaces should not be coated.
- Disconnect all down pipes prior to preparatory cleaning work. Do not allow waste water to enter the municipal storm water system.
- All substrates must be installed as per manufacturers specifications prior to application.
- Look over the entire roof and replace any damaged tiles and remove any lichen.
- High pressure wash to remove any dirt. Use a minimum of 3000 PSI with water or water mixed with biodegradable detergent and flush with clean water.
- Re-bed any loose or damaged ridge capping and re-point with suitable pointing mix.
- Wash down the roof using ROCKCOTE Fungicidal Wash to remove any residual fungus spores, mould or lichen.
- Glossy surfaces should be lightly abraded and washed clean.
- If the surface is dusty, pressure wash the roof to remove any dust.
- If the surface contains more solid powder formation like chalking or traces of efflorescence on the cement tile roof, scuff and pressure wash the surface. If the surface is still powdery after scuffing and pressure cleaning, contact the ROCKCOTE Technical Department.
- Substrates must not contain more than 15% wood moisture equivalent (WME) before application can commence.
- Not suitable for areas that will be submerged in water or subject to water pooling.
- ROCKCOTE Solar Protect should be applied over a suitable primer for the roofing substrate.

Application

- If using multiple pails they must be boxed together to ensure colour consistency.
- Be sure to keep a wet edge with this product and plan your work to suit the product and weather conditions.
- Can be sprayed using 0.017 to 0.25 tips.
- After application with a medium nap roller it is important to tip off the product to ensure an even appearance and drying.
- Care should be taken not to apply too much product on cut-in areas.
- An 80mm wide roller of medium nap pile should be used for cutting in.
- Allow a minimum of 4 hours between applications.
- Keep sheltered from rain & moisture for 24-48 hours after completion dependent on climatic conditions.

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Precautions and Limitations

- Do not apply ROCKCOTE Solar Protect if ambient or substrate temperature is outside the range 5°C to 35°C.
- Do not apply ROCKCOTE Solar Protect in strong winds.
- Not recommended for flat rooftops.
- Not suitable for floors.
- Not to be fully submerged in water
- Some colours are unsuitable for use on roofs, confirm colour selection with your ROCKCOTE Distributor before use.
- If the newly painted roof is to be used for collecting potable water, disconnect downpipes to storage tanks, until 2 rain events of over 15mm have occurred.

Transport and Storage

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

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
- Suitable for disposal through the RA Industries Reclaimer Portable Paint Wash Recycling System

Safety Data

Refer ROCKCOTE Solar Protect 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.