

TECHNICAL DATA SHEET

ROCKCOTE SOLAR PROTECT

Last Updated May 2017

Description ROCKCOTE Solar Protect is a durable, flexible acrylic roof membrane manufactured using 100% acrylic emulsions and other additives blended together to provide long term protection for most roofing surfaces. ROCKCOTE Solar Protect is suitable for use with a suitable primer over cement tile roofs, metal roofs and terracotta tile roofs. It provides long - term protection, durability and low maintenance for all roofing substrates.

Features

- 12 year warranty*
- Water based
- Easy to use
- Flexible
- Vapour permeable
- Durable
- Easy to maintain
- High build properties

Benefits

- Excellent colour retention
- Weather resistant
- Long term exterior protection
- Mould resistant
- Scuff resistant
- Tough
- Resists impact, scuffs, dirt pick up stains, fungus, mould and mildew
- Available in a wide range of colours
- Suitable for collection of rainwater for drinking

Uses

- Suitable for use over suitable primers on highly porous, mildly porous and non porous cement tiles, metal roofs, terracotta tiles and fibre cement roofing substrates
- 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

Typical Data at 25 °C and 50% Relative Humidity

Volume Solids	40%
Thinning	5%
Coverage Rate	Approximately 5 square metres per litre, Figures are a guide only. Coverage rates vary according to substrate, application technique, wastage factors and substrate preparation
Film Build	Dry film build: 80 microns Wet film build: 200 microns
Drying Time	4 hours
Touch Dry	1.5 hours
Dry to Recoat	4 hours
Crack Bridging	Excellent
Abrasion Resistance	Excellent
Usual No Coats	2
Packaging Sizes	15 Ltr pails
Clean Up	Clean with water immediately after use. Recently dried material can be removed with methylated spirits

Substrate Conditions

- Surfaces should be clean, dry and free from loose material such as oxidized tile surface coatings, tree saps and pollens, guano and flaking paints
- Disconnect all downpipes 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

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- 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

Flooring Installation

N/A

Mixing

N/A

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
- Use airless spray application using 0.017 to 0.25 tips. Ensure even application of each coat
- Allow a minimum of 4 hours between applications
- Keep sheltered from rain & moisture for 24 -48 hrs after completion dependent on climatic conditions
- For smaller sections of the roof, a quality brush can be used (refer to coverage rate)
- Application should not be carried out under the hot sun. Application should occur in shaded areas first
- Do not apply ROCKCOTE Solar Protect if ambient or substrate temperature is outside the 10°C to 35°C range, or likely to fall to below 10°C during drying time

Safety Data

Refer ROCKCOTE Solar Protect SDS

Precautions and Limitations

- Do not apply ROCKCOTE Solar Protect if ambient or substrate temperature is outside the 10°C to 35°C range or likely to fall below 10°C during drying time
- 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
- 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

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.
* WHEN USED AS PART OF A FULL ROCKCOTE SYSTEM.