

## ROCKCOTE Solar Protect

ROCKCOTE Solar Protect roof paint is a 100% acrylic heavy duty high-build membrane roof coating, providing long term external protection for most correctly prepared roof surfaces.

Rockcote Solar Protect Roof Paint 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.

## PERFORMANCE & PROPERTIES

### Adhesion

ROCKCOTE Solar Protect roof paint exhibits excellent adhesion to most common cement or clay tiles and most common masonry substrates if correct surface preparation is carried out in accordance with Rockcote specifications.

### Durability

ROCKCOTE Solar Protect roof paint is impact resistant, scuff resistant, cleanable and can resist extremes of weather and attack from fungi, mould and algae. ROCKCOTE Solar Protect roof paint provides a water repellent finish that is resistant to micro-cracking caused by thermal expansion and contraction of the substrate. It also remains vapour permeable, allowing the roof to “breathe” and allowing moisture within the roof to evaporate.

### Colours Available

ROCKCOTE Solar Protect roof paint can be tinted to a wide range of colours from soft natural tones to vibrant colours. Light-fastness and thermal properties of chosen exterior colours must be confirmed before ordering.

### Limitations

- ROCKCOTE Solar Protect roof paint is not recommended for floors, and is not suitable for areas that will be totally and continuously submerged in water.
- ROCKCOTE Solar Protect roof paint is not recommended for flat rooftops where water may pool for periods of time.
- Some colours are unsuitable for use on roofs. Confirm colour suitability with your Rockcote stockist before ordering.

## SURFACE PREPARATION

- 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 wash water to enter the municipal storm water system.
- Glossy surfaces should be lightly abraded and washed clean.
- Dirty surfaces should be pressure washed down at a minimum of 1500 PSI with water or water mixed with biodegradable detergent and flushed with clean water. Mould should be removed by cleaning and surfaces treated with a proprietary surface sanitizer such as Rockcote Fungicidal Wash which has a residual fungus spore killing action. Only dry surfaces should be painted.
- Replace or repair damaged tiles.
- Inspect pointing and repair or replace all cracked and damaged pointing with Rockcote Pointing Compound.
- Substrates must contain less than 15% Wood-Moisture-Equivalent (%WME) before painting.
- For mildly porous or nonporous substrates with low suction apply one coat of Rockcote Roof Primer/Filler followed by two coats of Rockcote Solar Protect Roof Paint.
- For high suction substrates such as highly weathered tiles apply one coat of Rockcote Acrybond sealer pre-mixed with an equal part of water, followed by one coat of Rockcote Roof Primer/Filler followed by two coats of Rockcote Solar Protect roof paint.
- Depending on the selected colour for the Solar Protect roof paint, Rockcote Roof Primer/ Filler should be tinted to an appropriate shade of grey using B (Black) tint. Seek advice from Rockcote.

## APPLICATION

- ROCKCOTE Solar Protect Roof Paint is applied to the properly prepared substrate using brush, roller or airless spray equipment.
- For Airless Spray use 0.017" to 0.025 " tips. Two coats should be applied, allowing at least 4 hours drying time between coats. A three coat application may be required to achieve the desired opacity, for some bright colours tinted from a neutral (UDB) base, (unless applied over a similar colour background).
- Do not apply product if ambient or substrate temperature is outside the range 5°C to 35°C, or in strong winds.

Thinning	Can be thinned at up to 5% volume by adding clean tap water.
Flammability	Non Flammable
Clean Up	Clean with water immediately after use. Recently dried material can be removed with methylated spirits.
Volume Solids	40%
Drying (55% Relative Humidity, 25°C)	Touch dry in 1.5 hours. Dry to recoat in 4 hours. (Dry times vary with changes in temperature and humidity).
Pack Size	15lt & 4lt pails
Finish	Gloss or Satin
Maintenance	Any identified damaged should be repaired as soon as possible.
Durability	Excellent. 100% Acrylic Technology. Suitable for all Australian regions.
Recommended film thickness per coat	200 microns (wet) 80 microns(dry)
Usual number of coats	2

The application of ROCKCOTE Solar Protect is a specialist procedure and should only be carried out by a skilled and experienced applicator.

## THEORETICAL COVERAGE RATES

Surface Litres per square metre (L/ m<sup>2</sup>) = 0.2

Square metres per litre(m<sup>2</sup>/L) = 5

Square metres per pail = 75

SPREADING RATES above are APPROXIMATE ONLY and may vary according to substrate, preparation, wastage factors and application techniques.

## STORAGE, SAFETY & HANDLING

- **Refer to the ROCKCOTE MSDS for Solar Protect**
- Pails should not be stacked more than three high during transportation and should be stored out of direct sunlight and above 4°C.
- When working with ROCKCOTE Solar Protect, observe the usual precautions for handling water borne acrylic based products.
- Avoid inhalation of vapour, prolonged skin contact and particularly eye contact.
- If skin or eye contact occurs, flush thoroughly with clean water and see a doctor if irritation occurs.
- If ingestion occurs, drink at least 2 glasses of water and consult a doctor.
- Wear protective clothing to minimize skin contact, and wear goggles where spatter is likely.
- For roof runoff to storm water, down pipes can be reconnected immediately after paint is dry.
- For roof runoff to drinking water tanks, down pipes should be reconnected after the first good rain downpour of 10mm or more.
- In emergency contact Poisons Information PH: 13 11 26

## PROPER DISPOSAL OF EXCESS & WASTE PRODUCT

- Spilt material must be absorbed with sand/sawdust and lifted for proper disposal. Spilled 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 old newspaper and allowed to dry, rather than being washed down the sink.
- Dispose of in accordance with local council regulations.
- ROCKCOTE Solar Protect is suitable for disposal through the RA Industries Reclaimer Portable Paint Wash Recycling System.

### Indemnity

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.

