ACRYLOC ROOFCOTE™ SUPA COOL® MEMBRANE

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Roof Membrane	Supa Cool Bases- 13.5L in 15L Heavy Duty Plastic Pail Reflectacoat Tint Pac – 1.5L Plastic Jerry Can	Tint Base:15kg, Base plus Tint Pac: 17.5kg

DESCRIPTION

Roofcote Supa Cool Membrane is a revolutionary heat reflective roof membrane coating that reduces the heat build up of a roof surface due to sunlight. *Supa Cool Membrane* combines a highly durable, water based, pure acrylic, self cross linking polymer with specially engineered pigments that reflect radiant heat.

Supa Cool Membrane provides an attractive, durable roof coating in a range of 40+colours using our Reflectacoat Tint Pacs. The even flow and attractive gloss level improve the condition and appearance of the roof, and the inherent flexibility provides long-term weather protection.

Roofcote Supa Cool Membrane is a two-component system consisting of a Tint Base and a Reflectacoat *Tint Pac.*

This technical information is for prepared and mixed *Roofcote Supacool Membrane – (Tint Pac* added to *Tint Base)*

FEATURES & BENEFITS

- Heat Reflective
- Excellent flexibility
- Excellent durability
- Strong adhesion
- Low maintenance
- Easy to apply
- Water based
- Easy & safe clean up
- Excellent vapour permeability
- **18 yr** Coating System warranty
- Low Dirt Pick Up
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ROOFCOTE SUPA COOL SYSTEM

↳**Surface Preparation** (as required)
Acryloc Roof Clean (if required)
Acryloc Rust Converter (if required)
Acryloc Mould Rid (recommended)
↳**Pointing** (if required, apply before coating or after Membrane is cured)
Star Point
↳**Prime (essential)**
Acryloc Primerbond Roof Restore
(or) Primerbond Roof Recoat (or) Primerbond Metal & Galv
↳**Build Coat** (if required)
Acryloc Primerbond Roof Maxi High Build
↳**Membrane Colour Coat, 2 coats of Supa Cool Membrane**

SUBSTRATE PREPARATION

- It is essential that Rainwater tanks be disconnected from the guttering system and the storm water system before commencing work as material could be split on the roof or washed off if rain falls before the coating is fully cured.
- The guttering should remain disconnected until after application of all coatings and until all residues are washed from the guttering. It is safe to collect drinking water once the finish coating has cured.
- Pressure clean and ensure all surfaces to be coated are clean, sound, free from contaminants including; oil, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.
- Application of Acryloc Roof Clean prior to pressure cleaning is recommended for removal of moss & lichen. The surface must be thoroughly cleaned to remove Roof Clean before priming.
- Any rust on metal surfaces must be removed before priming. Heavy rust deposits must be removed by wire wheel or sanding. Light rust should be removed and the surface passivated with Acryloc Rust Converter. Rust Converter must be thoroughly washed off with water and the treated area must then be primed within 30 minutes of drying.
- Application of Acryloc Mould Rid prior to priming will inhibit growth of moss & lichen.
- All substrates must be primed. Select from the Acryloc Primerbond range...
  - For Concrete Tiles apply Primerbond Roof Restore at the rate of 12-14m2/L and allow ~45mins to dry
  - For Aged Colorbond® apply Primerbond Roof Recoat at 14-16m²/L and allow ~45mins to dry
  - For Previously Painted Surfaces apply Primerbond Roof Recoat at 14-16m²/L and allow 60-90mins to dry
  - For Zincalume®, & Galvanized Iron apply Primerbond Metal & Galv at 6.5-10m²/L and allow ~60mins to dry
- Apply Acryloc Primerbond Roof Maxi High Build, if required, at the rate of 3.5-4m²/L and allow 60-90mins to dry.

Refer to the individual Primerbond product Tech Data sheets for further detail;

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SUITABLE SUBSTRATES – when properly prepared

- Pre-cleaned **unglazed** terracotta tiles
- Pre-cleaned concrete tiles
- Aged Colorbond®
- Zincalume®
- Galvanized Iron
- Previously Painted Roofs*

Colorbond® and Zincalume® are trademarks of Bluescope Steel Ltd
*Note that the existing coating must be in good condition with no peeling, cracking or other defects.

APPLICATION

- If the *Reflectacoat Tint Pac* has not been added to the base, add the full contents to the 13.5L of *Supa Cool Membrane* base in accordance with the directions on the *Tint Pac* label. No further thinning or dilution is required.
- It is essential that a 'wet edge' is maintained to prevent overlap marks on drying.
- Addition of Acryloc Extenda is advisable in warm conditions; up to 450mL of Extenda can be added to a 15L pail
- Use of Extenda is essential on metal roofs once ambient temperature is above ~25°C because the metal rapidly conducts heat into the wet paint film.

Method

- Mix thoroughly, preferably with a power mixer
- Care should be taken to keep *Roofcote Supacool Membrane* off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry
- *Roofcote Supacool Membrane* should be applied using HVLP or airless spray equipment. If using airless spray equipment a 21-23 thou tip and white gun filter is recommended. Cut-in and touch-up with a roller or brush.
- Apply evenly, avoid loading coating in one area as this will retard drying time and may cause sagging/crows feet
- Maintain a Wet Film Thickness of 160-175µm for each coat by checking regularly with a Wet Film Thickness Gauge.
- A minimum of two (2) coats must be applied to ensure durability.

Important Notes

- Do not apply *Roofcote Supa Cool* when rain is anticipated within 5 hours of completion of the work, longer in damp, cold +/or humid conditions
- Avoid application on hot surfaces or in hot &/or windy conditions.
- Application should be carried out on a day with temperatures above 10°C and below 32°C
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried

TECHNICAL DATA

APPEARANCE	White or coloured viscous liquid		
ODOUR	Low		
APPLICATION METHODS	Roller, brush, spray		
SPECIFIC GRAVITY (NOMINAL)	~1.03 (base), 1.0 -1.2 (base + Tint Pac)		
THEORETICAL COVERAGE	5.5-6.5m^2/L per coat		
WET FILM THICKNESS (RECOMM)	160-175 microns per coat		
DRY TIME (25°C & 50% RH) (APPROX)	Tack Free	Recoat/ Overcoat	Fully Dried
	40 Minutes	After 1 hour	24 hours
NO. OF COATS	Minimum 2 coats of Supa Cool Membrane		
GLOSS LEVEL	Semi gloss		

OTHER CONSIDERATIONS

Shelf-Life – Unopened Containers

Maximum two (2) years from date of manufacture when stored correctly as individual components.
Once Tint Pac has been added to base, use within three (3) months

Transport & Storage

Pails should not be stacked more than three (3) high during transportation and must be transported upright
Store in a cool place, upright, out of direct sunlight and above 4°C
For further information refer to **Safety Data Sheet (SDS)** for Acryloc *Roofcote Supa Cool* and *Reflectacoat Tint Pac*

Clean-Up with water

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WARRANTY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law and the benefits provided by our warranty are in addition to other rights and remedies available to the consumer under the law. You are entitled to a replacement or refund for a major failure and for 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.

In addition to these legal requirements, Acryloc Building Products provides a material replacement warranty against cracking, peeling, flaking or blistering of the full Roofcote System caused by any defect in manufacture for a period of eighteen (18) years when applied correctly by an approved, skilled and experienced applicator in accordance with all current application criteria, including but not limited to, substrate type and preparation, application rates and methods, prevailing weather conditions and protection of finished work.

Acryloc Building Products provides no warranty, expressed or implied, against damage due to movement of the substrate or structure and Acryloc Building Products cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and conditions.

To claim under this warranty, contact us by phone, mail, or through the 'contact us' facility on our website (see the contact information below), and give details of the claim, including your contact details. Proof of purchase is required and we reserve the right to inspect the affected property at our cost.

SAFETY & HANDLING

For further information refer to **Safety Data Sheet (SDS**) for ***Roofcote Supa Cool***, call the Acryloc **Tech – Info line** on **1300 661 745** or visit **www.acryloc.com.au**

Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

When working with ***Roofcote Supa Cool,*** observe the usual precautions for handling acrylic water based products including:

- Avoid inhalation of the vapour, prolonged skin contact and particularly eye contact
- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely
- Where spills occur, soak up liquid spillage with sand/sawdust and dispose of in a sensible manner. Do not permit run-off to sewer, storm water or open bodies of water

Full pails are HEAVY. Wear protective footwear and seek assistance if necessary.

FIRST AID MEASURES

Ingestion

If swallowed, wash out mouth with water. Do **NOT** induce vomiting. Drink at least two (2) glasses of water. Seek medical attention.

Eye

Wash with copious amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek medical attention.

Advice to Doctor

Treat symptomatically

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