ROOFCOTE™ SUPA COOL® COMMERCIAL MEMBRANE

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Heat Reflecting Membrane	15L Heavy Duty Plastic Pail	18 kg

DESCRIPTION

Roofcote Supa Cool Commercial Membrane is a highly durable, commercial roof membrane system, combining high quality, water based acrylic technology with UV stable, heat reflecting pigments.
Supacool Commercial saves the contractor time and money by reducing the normal 3 coat system to a 2 coat system where Primerbond Reflect Galv Iron is used as the primer coat (eg. on Zincalume and Galvanised Surfaces).

Supa Cool Commercial Membrane is a bright white coating suitable for application to aged, primed metal roof surfaces.

Independent testing* has shown that the Total Solar Reflectance (TSR) of the coating is greater than 87%.

See http://www.coolroofs.org/ for more information on Heat Reflective coatings.

FEATURES & BENEFITS

- Heat Reflective
- Excellent flexibility
- Excellent durability
- Low maintenance
- Easy to apply
- Water based
- Easy & safe clean up
- 15 yr Coating System warranty

ROOFCOTE SUPA COOL COMMERCIAL MEMBRANE SYSTEM

Surface Preparation (as indicated)
Acryloc Roof Clean (if required)
Acryloc Rust Converter (if required)
Acryloc Mould Rid (recommended)

Prime (essential)
Acryloc Primerbond Reflect Galv Iron (bare metal)
(or) Acryloc Primerbond Roof Recoat (aged Colorbond)
(or) Acryloc Primerbond Roof Recoat (previously painted)

Membrane Colour Coat (1 - 2 coats)
Supa Cool Commercial Membrane

It is essential that downpipes are disconnected from Rainwater tanks and from the storm water system before commencing work as material could be spilt on the roof and 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.

SUBSTRATE PREPARATION

- 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 grease, 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 be primed within 30 minutes.
- Application of Acryloc Mould Rid prior to priming will inhibit growth of moss & lichen if required.
- All substrates must be primed before application of Membrane:
- For Zincalume®, Galvanised Iron, apply Acryloc Primerbond Reflect Galv Iron* at the rate of 6.5^2/L and allow to dry (~ 60mins)
- For aged Colorbond®, apply Primerbond Reflect Roof Recoat at the rate of 14-16m^2/L and allow to dry (~ 60mins)
- For previously painted surfaces, apply Primerbond Roof Recoat at 14-16m^2/L and allow to dry (~ 60mins).

* Test Results available on request. Roofcote™ is a Trademark of Acryloc building Products.
Acryloc® is a Registered Trademark of Acryloc Building Products. Zincalume® and Colorbond® are Registered Trademarks of Bluescope Steel

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SUITABLE SUBSTRATES – when properly prepared

- Zincalume® and Galvanised Iron
- Aged Colorbond®
- Shipping Containers
- Previously painted roofs, sheds, and fences
  Note that the existing coating must be in good condition with no peeling, cracking or other defects.

APPLICATION

- A single coat of *Supa Cool Commercial Membrane* is sufficient when applied over Primerbond Reflect Galv Iron on Zincalume, Galvanised Iron and other suitable surfaces. Call our Technical Advice service if unsure.
- Where an alternative primer is used, such as for aged Colorbond and previously painted surfaces, a total of two (2) *Membrane* coats must be applied to provide the heat reflective performance.
- Thinning is not required but up to 5% clean water can be added for ease of spraying.
- Addition of Acryloc Extenda is recommended to assist in maintaining a wet edge, especially in warmer weather. The ideal addition rate will vary depending on prevailing weather and on the temperature of the roof surface; 100mL per pail in mild to warm conditions up to 450mL per pail in warmer, dry conditions.

Method

- Mix thoroughly, preferably with a power mixer
- *Supa Cool Commercial Membrane* should be applied using HVLP spray or airless spray equipment
- If using airless spray equipment, a 21-23 thou tip and white gun filter are recommended
- Apply evenly, avoid loading coating in one area as this will retard drying time and may cause sagging
- Maintain a Wet Film Thickness of at least 250uM by checking regularly with a Wet Film Thickness Gauge
- This equates to a usage rate of 4²/Litre or 60m² per 15 Litre pail.
- Apply a second coat after 1-2 hours if required

Important Notes

- Do not apply *Supa Cool Commercial Membrane* 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 30°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 viscous liquid		
ODOUR	Low		
APPLICATION METHOD	Airless Spray		
SPECIFIC GRAVITY (NOMINAL)	1.2		
THEORETICAL COVERAGE	4m^2/L per coat		
WET FILM THICKNESS (RECOMM)	>250 microns per coat		
DRY TIME (25°C & 50% RH) (APPROX)	Tack Free	Recoat/ Overcoat	Fully Dried
	40-60 Minutes	After 1-2 hours	24 hours
NO. OF COATS	1- 2 coats of Membrane depending on substrate / primer used		
GLOSS LEVEL	Semi gloss		

OTHER CONSIDERATIONS

Shelf-Life – Unopened Containers

Maximum two (2) years from date of manufacture when stored correctly.

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 Commercial Membrane*
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 Supa Cool Commercial Membrane System* caused by any defect in manufacture for a period of fifteen (15) 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 ***Supa Cool Commercial Membrane***, 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 ***Supa Cool Commercial Membrane*** 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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