

ROOFCOTE™ SUPA COOL®

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Roof Membranes	Supa Cool Bases- 13.5L in 15L Heavy Duty Plastic Pail Reflectacoat Tint Pac – 2L Plastic Jerry Can	Tint Base:15kg, Base plus Tint Pac: 17.5kg

DESCRIPTION

Roofcote Supa Cool is a heat reflective roof membrane system, combining Thermilate® insulating ceramic beads with specially engineered ceramic pigments that reflect radiant heat.

Supa Cool provides an attractive, durable roof coating in a wide range of colours. The even flow and attractive gloss level improve the condition and appearance of the roof, and the coating system provides long-term weather protection.

Roofcote Supa Cool comprises two colour coats, the first is the *Supa Cool Thermicoat* and the second is the *Supa Cool Membrane*, both using the chosen colour of Reflectacoat Tint Pac – 1.5L of *Tint Pac* added to 13.5L of the respective Supa Cool base. See <http://eetdnews.lbl.gov/nl19/cool.htm> for more information on Heat Reflective coatings.

FEATURES & BENEFITS

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

ROOFCOTE SUPA COOL SYSTEM

- ↳ **Surface Preparation** (as required)
 - Acryloc Roof Clean
 - Acryloc Rust Converter (if required)
 - Acryloc Mould Rid (if required)
 - ↳ **Pointing** (if required, apply before coating or after Membrane is cured)
 - Acryloc Ridgepoint®
 - ↳ **Prime (essential)**
 - Acryloc Primerbond (or) Primerbond Superfine
 - (or) Acryloc Metal & Galv Primer
 - ↳ **Build Coat** (if required)
 - Acryloc High Build Undercoat
 - ↳ **First Colour Coat**
 - Supa Cool Thermicoat**
 - ↳ **Membrane Coat**
 - Supa Cool Membrane**



It is recommended that Rainwater tanks be disconnected from the guttering 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.

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 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.
- All substrates must be primed, normally with Acryloc Primerbond
 - Acryloc Metal & Galv Primer must be used on Zinalume®, & Galvanised Iron
- Apply Acryloc Primerbond or Primerbond Superfine at the rate of 10-12m²/L and allow to dry (approx 30mins)
 - (or) Apply the Metal & Galv' Primer at the rate of 6.5-10m²/L and allow to dry (approx 60mins)

SUITABLE SUBSTRATES – when properly prepared

- Pre-cleaned **unglazed** terracotta tiles
- Pre-cleaned concrete tiles
- Zinalume® and Galvanised Iron
- Colorbond®
- Previously painted roofs, sheds and fences

APPLICATION

- If the *Reflectacoat Tint Pac* has not been added to the base, add the full contents of the *Tint Pac* to the 13.5L of base in accordance with the directions on the *Tint Pac* label.
- Mix thoroughly with a broad, flat stirrer, using an upward lifting action, or power mixer
- A total of two (2) coats must be applied to provide the heat reflective performance.
The first coat required is *Supa Cool Thermicoat* – ie. Reflectacoat Tint added to Supa Cool Thermicoat base.
The second coat required is *Supa Cool Membrane* – ie. Reflectacoat Tint added to Supa Cool Membrane base.

Method

- Thinning is not normally required but up to 500mL of water can be added to 15L of coating to aid spraying.
- *Supa Cool* can be applied using a long or short nap roller, brush, pad, HVLP spray or airless spray equipment
- Apply evenly, avoid loading coating in one area as this will may cause sagging. Try to keep a 'wet edge'
- Try to maintain a Wet Film Thickness of 160-175uM for each single coat by checking regularly with a Wet Film Thickness Gauge

Thermicoat

- If using airless spray equipment, the gun filter should be removed for the Thermicoat otherwise the filter could strain the Thermilate beads from the coating and block up. Alternatively, use a Front Load Gun.
- Use a larger tip, 23 to 25 thou is recommended.

Membrane

- If using airless spray equipment for the Membrane coat, a 21-23 thou tip and white gun filter are recommended

Important Notes

- Do not apply *Roofcote Supa Cool* when rain is anticipated within 8 hours of completion of the work, longer in damp, cold +/- humid conditions
- Avoid application in full sun, on hot surfaces or in hot 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

Clean-Up

Clean up with water

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
	1 hour	After 2 hours	24 hours
NO. OF COATS	2 coats, Supa Cool Thermicoat followed by 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 **MSDS** for Acryloc *Roofcote Supa Cool* and Acryloc *Reflectacoat Tint Pac*

WARRANTY

Acryloc Building Products provides a material replacement warranty against peeling or flaking of the full Roofcote Supa Cool System caused by any defect in manufacture for a period of ten years when applied correctly by a 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. Application dates, product batch numbers and quantities must be recorded and supplied as a minimum to effect potential product failure investigation.

Acryloc Building Products provides no warranty, expressed or implied, against damage due to movement of the substrate or structure.

Acryloc Building Products cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and conditions.

SAFETY & HANDLING

Refer to **MSDS** for *Roofcote Supa Cool* before use. For further information on Material Safety Data Sheets, call the Acryloc **Tech – Info line** on **1300 661 745** or visit **www.acryloc.com.au**

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

MANUFACTURED BY:

Bizfine Pty Ltd

T/A Acryloc Building Products
174 Cavan Rd
DRY CREEK
South Australia 5094

P: +61 8 8368 0222

F: +61 8 8349 4260

E: sales@acryloc.com.au

W: www.acryloc.com.au