# ROOFCOTE™ SUPA COOL® SYSTEM

*Roofcote Supa Cool* is a revolutionary heat reflective membrane coating system that reduces the heat build up of a roof surface due to sunlight. *Supa Cool* 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 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.

Heat Reflective pigments are supplied by Shepherd Color, see www.shepherdcolor.com for "Arctic" colours and Ferro Corporation, see www.ferro.com for "Cool Colors".

More information on Heat Reflective coatings is available at http://www.epa.gov/heatisld/mitigation/coolroofs.htm and also at http://www.coolroofs.org/HomeandBuildingOwnersInfo.html.

The *Roofcote Supa Cool* system includes a full range of components for coating commonly encountered roof substrates. The coating system is fully covered by the Acryloc Manufacturer's Warranty.

Suitable substrates include:

- Concrete tiles
- **Unglazed** Terracotta tiles
- Zincalume®
- Colorbond®
- Galvanised Iron
- Fibre Cement Sheeting

The key products in the *Roofcote Supa Cool system* are listed below:

| Product | Purpose / Notes |
|---|---|
| **Repointing** | |
| Star Point ® | Flexible Pointing Compound for use on concrete & terracotta roofs |
| **Surface Preparation** | |
| Acryloc Roof Clean | Applied before pressure cleaning to assist dirt, moss & lichen removal |
| Acryloc Mould Rid | Leave on mould inhibitor, applied after cleaning & before priming |
| Acryloc Rust Converter | For passivation & removal of light rust from metal roof sheeting |
| **Prime Coat** | Essential for adhesion of the coating system. |
| Primerbond Roof Restore | For Concrete, Fibre cement sheet, aged Colorbond®, unglazed Terracotta |
| Primerbond Roof Recoat | For previously painted roofs |
| Primerbond Metal & Galv | For Zincalume® & Galvanised Iron |
| **Build Coat (if required)** | |
| Primerbond Roof Maxi High Build | Optional, smooth badly weathered concrete tiles before top coat |
| **Membrane Coat** | |
| Roofcote Supa Cool Membrane | Two coats minimum over Prime Coat or High Build Undercoat |

Disconnect guttering from Rainwater tanks / Storm water systems before commencing work, **see p13**, **Important Notes.**

**Limitations.**

The *Roofcote Supa Cool* system is NOT suitable for coating partly or fully glazed Terracotta tiles.




*Colorbond*® *and* Zincalume® are trademarks of Bluescope Steel Ltd



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# SUPA COOL® 18 YEAR SYSTEM 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 System caused by any defect in manufacture for a period of eighteen (18) years provided that,

- the coating system is applied 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; and,
- the products have been stored in accordance with current criteria and have been used within the recommended shelf-life period.

The liability of Acryloc Building Products pursuant to this additional warranty is limited to re-supply of the coating materials.

The Applicator provides a separate warranty for the application and workmanship.

Acryloc Building Products is not liable under this warranty for:

- damage or failure caused by movement of the substrate or structure;
- damage or failure caused by structural cracking;
- damage or failure caused by hydrostatic pressure or entrapped moisture;
- damage or failure caused by maltreatment, such as mechanical damage, whether during installation or at a subsequent time;
- damage or failure caused by faulty design and/or construction;
- 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.

## ACRYLOC BUILDING PRODUCTS:

- supplies customers throughout Australia as well as export markets including mainland China, South Korea, India, Dubai and various locations in Europe;
- operates systems that are regularly audited and Certified to ISO 9001:2015 Quality Management, 14001:2015 Environmental Management and 45001:2018 Safety Management;
- manufactures in our factory and head office located in Dry Creek, a suburb on the northern edge of Adelaide;
- all roof coating products are made in our factory

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# Product Technical Data & Specifications

## STAR POINT

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Flexible Pointing | 10L Heavy Duty Plastic Pail | 16kg |

Star Point consists of a flexible acrylic base blended with carefully graded aggregates and various additives and is supplied in a range of pre-mixed colours. (*Star Point* is manufactured by Westflex Pty Ltd)
CSIRO testing shows that *Star Point* passes the acceptance criteria for AS 4046.8-2006, for wind class C3, and therefore also satisfies the performance criteria for a competed roof as per AS 2050-2002, "Installation of Roof Tiles".

### MAIN USES

*Star Point* is as a ready to use, pre-coloured pointing compound which flexes with movements in the roof structure, while remaining strong and crack resistant. This provides a convenient and consistent alternative to traditional cement and sand based pointing mortar.

*Star Point* may be used for new tiled roofs, for re-ridging of aged roofs or as part of the CRC system for roof restorations.

### SUITABLE SUBSTRATES – when properly prepared

- Bedding mortar on concrete or terracotta roof tiles

### SUBSTRATE PREPARATION

- New bedding mortar should be applied with a bedding frame to prevent holes under the capping. Any holes which are present must be filled with mortar and the mortar allowed to dry before pointing
- Bedding mortar should be struck off straight, not at an angle to the cap. Weep holes must be used as per the tile manufacturer's specifications
- Allow a minimum of 24 hours fine weather for the bedding mortar to cure before pointing
- Existing bedding requiring re-pointing or repair must be clean & sound. Clean by thoroughly wire brushing & hosing down as a minimum – pressure cleaning is the recommended method.

### APPLICATION

- Acryloc Extenda can be added in warmer conditions to slow down the drying time (150-200 ml per pail & mix well)

**Method**

- Mix thoroughly with a pointing trowel or power mixer. *Star Point* does not require thinning or dilution
- *Star Point* should be applied to the capping with a steel trowel to a thickness of 3-5mm
- *Star Point* must cover all the bedding material and the edge of the ridge-cap
- *Star Point* may be over coated once cured using the appropriate components selected from the CRC™ system

**Important Notes**

- Do not apply *Star Point* on exposed surfaces when rain is anticipated within 5 hours of completion of the work, longer in damp, cold +/or humid conditions. If rain is likely overnight, ridge covers should be used

**Clean-Up**

Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| APPEARANCE | Viscous, Coloured Gritty Paste | |
| ODOUR | Low | |
| SPECIFIC GRAVITY (NOMINAL) | ~ 1.5 | |
| THEORETICAL COVERAGE | 25-30 linear metres per pail at 3-5mm, 35-40 caps subject to profile | |
| WET FILM THICKNESS (RECOMM) | 3-5mm single coat | |
| DRY FILM THICKNESS (MIN) | N/A | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Overcoat |
| | 30 mins | 24 hours |



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# Product Technical Data & Specifications

## ACRYLOC® ROOF CLEAN

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Preparation | 20L Heavy Duty Plastic Pail | 22kg |

Acryloc Roof Clean is a heavy duty cleaner designed specifically for releasing moss, lichen, and minor deposits of grease and oil from various substrates to make subsequent pressure cleaning faster and more effective.

Acryloc Roof Clean is supplied in Ready to Use form.

### SUITABLE SUBSTRATES

- Roofing tiles
- Cement Render
- Ceramic tiles
- Fibre Cement Sheeting
- Clay and Concrete Brickwork
- Driveways & paths

### APPLICATION

- Acryloc *Roof Clean* is an alkaline detergent which can produce skin irritation.
- Acryloc *Roof Clean* may attack some surfaces such as aluminium. Test on a small area first.

- **Roof Areas**
  **Disconnect rainwater collection:**
  Rainwater tanks must be disconnected from the guttering system before commencing work. It may also be necessary to disconnect from stormwater systems depending on local requirements –check with the appropriate local authority.
  It is particularly important to prevent Roof Clean, Mould Rid and Rust Convertor from entering drinking water systems.
  The guttering must remain disconnected until after application of all coatings and until all residues are washed from the guttering as material could be split on the roof or washed off if rain falls before the coating is fully cured.
  It is safe to collect drinking water once the gutter system is cleaned and the Roofcote coatings have fully cured.
  - Application with a garden type weed sprayer is recommended
  - Apply liberally, leave for 1-2 hours, overnight for heavy moss growth, then pressure clean
  - Acryloc *Roof Clean* must be completely removed prior to painting the cleaned surface.

**Coverage**
10-15m$^2$/L per coat

**Clean-Up**
Clean up with water

### TECHNICAL DATA

| | |
|---|---|
| APPEARANCE | Watery yellow liquid |
| ODOUR | Low |
| APPLICATION METHODS | Roller, brush, spray |
| SPECIFIC GRAVITY (NOMINAL) | ~1.04 |
| NO. OF COATS | As required, typically 1 coat |



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# Product Technical Data & Specifications

## ACRYLOC® MOULD RID

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Preparation Products | 20L Heavy Duty Plastic Pail | 22kg |

Acryloc *Mould Rid* is a broad spectrum water based biocide which inhibits the growth of moss and lichen on surfaces to which it is applied.
Acryloc *Mould Rid* is supplied in Ready to Use form.

Acryloc *Mould Rid* may be applied to clean cement and unglazed terracotta roofs, and to a range of other substrates, to inhibit the subsequent growth of moss and lichen. Acryloc *Mould Rid* is applied just prior to priming and left to dry.

### SUITABLE SUBSTRATES – when properly prepared

- Pre-cleaned unglazed terracotta tiles
- Colorbond®
- Galvanised Iron
- Cement Render
- Tilt panel walls
- Pre-cleaned cement tiles
- Zincalume®
- Fibre Cement Sheeting
- AAC (Autoclaved Aerated Concrete)
- Brickwork

### APPLICATION

**Ensure that rainwater collection is disconnected, see page 11, Important Notes.**

- *Mould Rid* can be applied straight from the pail
- If applying on roofs, application with a garden type weed sprayer is recommended. Acryloc *Mould Rid* can also be applied using a roller, brush, pad, HVLP spray equipment or airless spray equipment.
- Apply enough Acryloc *Mould Rid* to adequately "wet" the surface.
- Allow to dry, do not wash off. Re application will be necessary if rainfall occurs before Acryloc *Mould Rid* is overcoated.

**Coverage**
10-15m$^2$/L per coat

**Clean-Up**
Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| APPEARANCE | Watery bluish liquid | |
| ODOUR | Low | |
| APPLICATION METHODS | Roller, brush, spray | |
| SPECIFIC GRAVITY (NOMINAL) | ~ 1.0 | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Overcoat |
| | N/A | When dry |
| NO. OF COATS | Typically 1 coat | |
| FLAMMABILITY | Non-flammable | |

Acryloc *Mould Rid* must be over coated using the appropriate components selected from the Roofcote system.



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# Product Technical Data & Specifications

## ACRYLOC® RUST CONVERTER

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Preparation Products | 5L Heavy Duty Plastic Bottle | 6kg |

Acryloc *Rust Converter* is an acid based treatment designed for chemical passivation and removal of light rust from metal surfaces. Acryloc *Rust Converter* is supplied as a concentrate and must be diluted before use.







HIGHLY CORROSIVE, Contains Phosphoric Acid 30%w/w

Acryloc *Rust Converter* removes and passivates light to medium rust on metal as part of preparation for surface repainting. It also facilitates removal of minor deposits of oil and grease as well as chemically etching the metal surface to ensure optimum adhesion of the subsequent primer coat.

### SUITABLE SUBSTRATES

- Zincalume®
- Galvanised Iron
- Colorbond®

### APPLICATION

- Acryloc *Rust Converter* is a highly corrosive liquid which may produce severe burns & skin irritation.
- Suitable protective clothing must be worn when handling *Rust Converter*, including rubber gloves & safety goggles

**Dilution – always add Acryloc *Rust Converter* to water, do NOT add water to the *Rust Converter.* Mix Well**

- For Chemical etching of sound metal surfaces, slowly add one (1) part Acryloc *Rust Converter* to three (3) parts clean water.
- For removal & passivation of light rust, slowly add one (1) part Acryloc *Rust Converter* to one (1) part of clean water.

NOTE: Do not use a metal container for dilution, mixing or storage – use plastic or glass.

**Ensure that rainwater collection is disconnected, see page 11, Important Notes.**

Heavy rust deposits must be removed by wire wheel or sanding before application of Acryloc *Rust Converter.* The surface must be cleaned and allowed to dry before application of Acryloc *Rust Converter*. Pressure cleaning is recommended for best results.

- Apply with brush, roller, mop or scouring pad to a dry, cool surface
- Leave for minimum of 10-15 minutes to react. Agitation of the liquid into corroded areas using a plastic scourer or broom can increase effectiveness. Thoroughly Rinse off with clean water. Avoid splashing.
- Prime the treated area with Acryloc Primerbond Metal & Galv within 30 minutes of the rinse water drying.

**Coverage**
10-15 $m^2$/L in diluted form

**Clean-Up**
Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| APPEARANCE | Dark green liquid | |
| ODOUR | Low | |
| SPECIFIC GRAVITY (NOMINAL) | 1.1 -1.2 | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Recoat/ Overcoat |
| | N/A | Within 30 minutes |



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# Product Technical Data & Specifications

## ACRYLOC® PRIMERBOND ROOF RESTORE

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Prime Coats | 15L Heavy Duty Plastic Pail | 16.5kg |

Acryloc *Primerbond Roof Restore* is a ready to use, clear drying, penetrating and binding primer.

Acryloc *Primerbond Roof Restore* is the recommended primer for cement tile & aged Colorbond® roofs as part of the Commercial Roof Coating system (CRC).

Acryloc *Primerbond Roof Restore* is particularly effective on substrates where the surface is chalky or prone to dusting.

The formulation is designed to penetrate and bind the surface and provide a 'key' for subsequent coats.

### SUITABLE SUBSTRATES – when properly prepared

- Concrete roof tiles
- Fibre Cement Sheeting
- Clay and Concrete Brickwork
- Tilt panel walls
- **Unglazed** terracotta roof tiles
- Aged Colorbond®
- Cement Render
- AAC (Autoclaved Aerated Concrete)

### APPLICATION

Acryloc *Primerbond Roof Restore* does not require thinning or dilution

- Acryloc *Primerbond Roof Restore* can be applied using a roller, brush, HVLP spray equipment or airless spray
- If using spray equipment, a 17 or 19 thou tip and white gun filter is recommended
- Apply Acryloc *Primerbond Roof Restore* liberally, allowing good penetration into the substrate. Applying excess material is acceptable providing it is not allowed to pool on the surface, as this may affect the top coat.

**Coverage**

12-14m²/L per coat on roof tiles

**Clean-Up**

Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| APPEARANCE | Milky white liquid, dries clear | |
| ODOUR | Low | |
| RESIN TYPE | Modified acrylic emulsion | |
| SPECIFIC GRAVITY (NOMINAL) | ~1.03 | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Recoat/ Overcoat |
| | 30 mins | After 45 |
| NO. OF COATS | Typically 1 coat | |
| FLAMMABILITY | Non-flammable | |

Acryloc *Primerbond Roof Restore* must be over-coated with an appropriate product from the CRC coating system



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# Product Technical Data & Specifications

## ACRYLOC® PRIMERBOND ROOF RECOAT

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Primers & Undercoats | 15L Heavy Duty Plastic Pail | 17kg |

Acryloc *Primerbond Roof Recoat* is a ready to use, clear drying, penetrating and binding primer and is the recommended primer for previously painted roofs as part of the Roofcote system.

The formulation is designed to penetrate and bind the surface and provide a 'key' for subsequent coats.

Note that the existing coating must be sound, Acryloc *Primerbond Roof Recoat* is not able to rectify cracking, peeling or blistering of the previous coating.

Where the previous coating is not sound it must be completely removed and an alternative primer used.

### SUITABLE SUBSTRATES

- Previously painted roofs

### APPLICATION

- Acryloc *Primerbond Roof Recoat* does not require thinning or dilution
- Mix thoroughly with a broad, flat stirrer, using an upward lifting action
- Acryloc *Primerbond Roof Recoat* can be applied using HVLP or airless spray equipment
- If using spray equipment, a 17 or 19 thou tip and white gun filter is recommended
- Apply Acryloc *Primerbond Roof Recoat* liberally, completely covering the surface. Applying excess material is acceptable providing it is not allowed to pool on the surface, as this may affect the top coat.

**Coverage**
6.5 – 10 $m^2$/L single coat

**Clean-Up**
Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| **APPEARANCE** | Milky white liquid, dries clear | |
| **ODOUR** | Low | |
| **RESIN TYPE** | Modified acrylic emulsion | |
| **SPECIFIC GRAVITY (NOMINAL)** | ~1.1 | |
| **DRY TIME (25°C & 50% RH) (APPROX)** | Tack Free | Recoat/ Overcoat |
| | 60 mins | After 90min |
| **NO. OF COATS** | Typically 1 coat | |
| **FLAMMABILITY** | Non-flammable | |

Acryloc *Primerbond Roof recoat* must be over-coated with an appropriate product from the CRC coating system



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# Product Technical Data & Specifications

## ACRYLOC® PRIMERBOND METAL & GALV

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Prime Coats | 15L Heavy Duty Plastic Pail | 22kg |

Acryloc *Primerbond Metal & Galv* is a water based coating containing inorganic rust passivators, inhibitors, adhesion promoters and inert fillers.

Acryloc *Primerbond Metal & Galv* is designed for priming Zincalume® and galvanised iron surfaces prior to application of subsequent topcoats.

### SUITABLE SUBSTRATES – when properly prepared

- Zincalume®
- Galvanised Iron

### APPLICATION

Acryloc *Primerbond Metal & Galv* does not require thinning or dilution

- Acryloc *Primerbond Metal & Galv* can be applied using a roller, brush, HVLP spray equipment or airless spray equipment
- If using spray equipment, a 17 or 19 thou tip and white gun filter is recommended
- Maintain a Wet Film Thickness of 100-150µm.

**Coverage**

6.5 – 10 $m^2$/L single coat

**Clean-Up**

Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| APPEARANCE | Viscous grey coloured liquid | |
| ODOUR | Low | |
| RESIN TYPE | Modified acrylic emulsion | |
| SPECIFIC GRAVITY (NOMINAL) | 1.3 -1.5 | |
| WET FILM THICKNESS (RECOMM) | 100-150 microns single coat | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Overcoat |
| | ~ 45min | ~ 60 min |
| NO. OF COATS | Typically 1 coat | |
| FLAMMABILITY | Non-flammable | |

Acryloc *Primerbond Metal & Galv* must be over-coated with Roofcote CRC Membrane Membrane.



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# Product Technical Data & Specifications

## ACRYLOC® PRIMERBOND MAXI HIGH BUILD

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Undercoat | 15L Heavy Duty Plastic Pail | 23 kg |

Acryloc *Primerbond Roof Maxi High Build* is a water based acrylic, self-leveling & filling undercoat containing over 60% solids and is designed for application to primed concrete roof tiles.

Acryloc *Primerbond Roof Maxi High Build* fills and levels the surface of weathered roof tiles to provide a smoother, more even surface for top coat application thus improving the appearance of the finished roof coating system.

Acryloc *Primerbond Roof Maxi High Build* is lightly pigmented to assist in achieving uniform coverage.

### SUITABLE SUBSTRATES – when properly prepared

- Primed concrete roof tiles

### APPLICATION

Acryloc *Primerbond Roof Maxi High Build* does not require thinning or dilution

- Acryloc *Primerbond Roof Maxi High Build* can be applied using a HVLP spray equipment or airless spray equipment
- If using airless spray equipment, a 23-25 thou tip and white gun filter is recommended
- Try to maintain a Wet Film Thickness of 250-275 microns for a single coat.
- Acryloc *Primerbond Roof Maxi High Build* must be over-coated with Roofcote CRC Membrane Membrane

**Coverage**

3.5-4m$^2$/L per coat

**Clean-Up**

Clean up with water

### TECHNICAL DATA

| | | |
|---|---|---|
| APPEARANCE | Off-white, viscous liquid | |
| ODOUR | Low | |
| RESIN TYPE | Acrylic | |
| APPLICATION METHODS | Spray | |
| SPECIFIC GRAVITY (NOMINAL) | 1.3 -1.5 | |
| WET FILM THICKNESS (RECOMM) | 250-275 microns per coat | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Recoat/ Overcoat |
| | 30 minutes | 60 – 90 min |
| NO. OF COATS | Typically 1 coat | |
| FLAMMABILITY | Non- flammable | |



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# Product Technical Data & Specifications

## ACRYLOC® EXTENDA™

| PRODUCT TYPE | PACKAGING | NOMINAL WEIGHT |
|---|---|---|
| Additives | 2L Plastic Bottle | 2kg |

Acryloc *Extenda* is a water based additive designed to increase working time of acrylic based products while not affecting the characteristics or durability of the cured finish.

Acryloc *Extenda* may be added to nominated water based acrylic products, as specified in the relevant Tech Data Sheets, in order to extend working time. This may be necessary to help maintain a 'wet' edge or to assist with self-levelling of paint on smooth substrates.

### FEATURES & BENEFITS

- Extends working time
- Aids workability
- Water based
- Cost effective

### APPLICATION

**Method - Add Acryloc *Extenda* to the product as per table below;**

| Product | Addition Rate |
|---|---|
| Star Point | 100-120mL per 10L pail |
| Acryloc Texture Coats | 150-200mL per 15L pail |
| Roofcote CRC® | up to 450mL per 15L pail |
| Roofcote Supa Cool® | up to 450mL per 15L pail |
| Court Cote™ | up to 450mL per 15L pail |
| Weatherblock® | up to 30mL per Litre |
| Thermablock® | up to 30mL per Litre |
| Ultra Range | up to 30mL per Litre |

- Add Acryloc *Extenda* to the product and mix thoroughly with a broad, flat stirrer, using an upward lifting action; alternatively use a power mixer
- Refer to the relevant Tech Data Sheet for full instructions on use of the individual Acryloc product.

**Important Notes**

- Use of Acryloc *Extenda* does NOT override maximum temperature limits for use of the particular product.
- Add Acryloc *Extenda* and mix just prior to applying the product.
- Over use can adversely affect curing, adhesion and durability of the coating system and will void the warranty

**Clean up with water**

More Information is available in the product Tech Data Sheet (TDS) and Safety Data Sheet (SDS



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# Product Technical Data & Specifications

## ACRYLOC® ROOFCOTE™ SUPA COOL® MEMBRANE

### COMPONENTS

| | | |
|---|---|---|
| Supa Cool Membrane Base | - | 13.5L in 15L Heavy Duty Plastic Pail, nominal weight 15kg |
| Reflectacoat Tint Pacs | - | 1.5L Plastic Jerry Can, nominal weight 2.5kg |

### DESCRIPTION

*Roofcote Supa Cool* is a heat reflective, highly flexible roof membrane coating, combining a pure acrylic polymer with UV stable fillers and specially engineered pigments that reflect radiant heat.

*Roofcote Supa Cool* is available in a range of over 30 colours, supplied as a two-component system consisting of *Supa Cool Membrane Base* and coloured *Reflectacoat Tint Pacs*.

This technical information is for prepared and mixed *Supa Cool* – 1.5L of *Tint Pac* added to 13.5L of *Membrane Base*.

Two coats of *Supa Cool Membrane* are applied to a primed roof. The even flow and attractive gloss level improve the condition and appearance of the roof, and the coating system provides long-term weather protection.

### SUITABLE SUBSTRATES – when properly prepared

- **Unglazed** terracotta tiles
- Zincalume®
- Galvanised Iron
- Concrete tiles
- Colorbond®
- Fibre Cement Sheet

### APPLICATION

- If the *Reflectacoat Tint Pac* has not been added to the *Base*, add the contents of the *Tint Pac* to the 13.5L of *Base* and mix thoroughly 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 20L pail
- Use of Extenda is essential on metal roofs once the ambient temperature is above ~25°C because the metal rapidly conducts heat into the wet paint film.
- *Supa Cool* can 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 may cause sagging.
- Try to maintain a Wet Film Thickness of 160-175uM for each single coat, checking regularly with a Wet Film Thickness Gauge
- A minimum of two (2) coats must be applied to provide the heat reflective performance.
  Each coat is *Supa Cool Membrane* – ie. Reflectacoat Tint added to Supa Cool Membrane base.

**Coverage**

5-6.5m$^2$/L per coat

**Clean-Up**

Clean up with water

### TECHNICAL DATA

| | | | |
|---|---|---|---|
| RESIN TYPE | Acrylic Emulsion | | |
| APPLICATION METHODS | Roller, brush, spray | | |
| SPECIFIC GRAVITY (NOMINAL) | ~1.03 (base), 1.0 -1.2 (Membrane base plus Tint Pac) | | |
| WET FILM THICKNESS (RECOMM) | 160-175 microns per coat | | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Recoat/ Overcoat | Fully Dried |
| | ~ 40 minutes | ~ 1 hour | 24 hours |
| NO. OF COATS | Minimum 2 coats | | |



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# Product Technical Data & Specifications

## Important Notes

Rainwater tanks must be disconnected from the guttering system before commencing work. It may also be necessary to disconnect from storm water systems depending on local requirements –check with the appropriate local authority.

It is particularly important to prevent Roof Clean, Mould Rid and Rust Convertor from entering drinking water systems.

The guttering must remain disconnected until after application of all coatings and until all residues are washed from the guttering as material could be split on the roof or washed off if rain falls before the coating is fully cured.

It is safe to collect drinking water once the gutter system is cleaned and the Roofcote coatings have fully cured.

While the Roofcote Supa Cool System is suitable for Fibre Cement sheeting, special approvals and equipment are required for cleaning and coating Asbestos Cement – check with the appropriate local authority.

- Do not apply Acryloc products when rain is anticipated within 5 hours of completion of the days work, longer in damp, cold +/or humid conditions
- Avoid application 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

### OTHER CONSIDERATIONS

**Shelf-Life – Unopened Pails**

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

**Transport & Storage**

Pails should not be stacked more than three high during transportation and must be transported upright.

Store in a cool place, upright, out of direct sunlight and above 4°C

Refer to Material Safety Data Sheets for **Acryloc products** before use.

For further information on **MSDS**, call the Acryloc **Tech – Info line** on **1300 661 745** or visit **www.acryloc.com.au**

### SAFETY & HANDLING

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.

- Avoid inhalation of vapour, prolonged or repeated 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 may be 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 to dilute stomach contents. Seek medical attention.

**Eye**

Wash with copious amount of water for 15 minutes holding eyelid(s) open. Seek medical attention if symptoms persist.

**Skin**

Wash thoroughly with water

**For additional Safety & product information consult the Technical data sheets and Material Safety data sheets for the individual products.**

### MANUFACTURED / DISTRIBUTED BY:

Acryloc Building Products
174 Cavan Rd, DRY CREEK SA 5094

P: +61 8 8368 0222 1300 661 745

E: sales@acryloc.com.au W: www.acryloc.com.au



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