



A cooler environment? No sweat!

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# INFRACOTE™ MEMBRANE MID LUSTRE

## Data Sheet

### DESCRIPTION

Infracote Mid Lustre Membrane is a water based 100% acrylic coating ideal for extreme weather conditions typical in the southern hemisphere. The technology used in the manufacture of the Infracote Membrane makes it adaptable in extremes of heat and cold, is durable enough to resist Australian summer storms, as well as being resilient in the snap freezes experienced in the southern states and New Zealand.

The durability protects domestic and commercial surfaces from the seasons, year after year. The coating has been proven to meet the Australian and New Zealand standards (AS/NZS 4858 and AS 4654) for coatings of this kind. In addition, even after extreme weather testing, the Infracote Membrane continues to perform.

### FEATURES + BENEFITS

<b>Quality and Performance</b>	Designed to accurately meet the AS/NZS 4858 AND AS 4654 standards. Tough, durable and highly flexible. Batch to Batch consistency.
<b>Self Cross Linking Technology</b>	Low dirt pickup - self cleaning.
<b>Nanotechnology</b>	Enhanced self-cleaning capability.
<b>Vapour Permeable</b>	Allows structures to breathe, reducing the accumulation of gases and vapour moisture.
<b>Low Water Absorption</b>	Reduces carbon dioxide and chloride ion diffusion - protects structures from corrosion.
<b>Resistance to Cyclic Movement</b>	Ability to withstand crack bridging of hair line, shrinking and stress cracks. Allows for thermal expansion and contraction of buildings.
<b>Laboratory Proven</b>	Is proven to show no signs of deterioration where harsh climatic changes are expected. Remains flexible and crack free.
<b>Durable</b>	Excellent adhesion to a variety of substrates.
<b>Water Based</b>	Minimal drying time, cleanup and odour.
<b>Natural Iron Oxides Pigments</b>	Resists weathering characteristics such as fading or discolouration.
<b>Drinking Water Safe</b>	After 10 day curing and initial rinse.

### USES

Infracote Membrane is recommended and used as a protective coating that can be brushed, rolled or sprayed to the following properly prepared and sealed weathered surfaces:

- Concrete and Unglazed Terracotta Roof Tiles
- Metal Roof Surfaces
- Concrete Tilt Slab Buildings
- Fibro Cement Sheeting
- Cement Rendered Surfaces
- Brick and Block Construction

It provides a durable colour fast coating system that significantly reduces dirt accumulation, pollution and chemical attack through its self cross linking technology. Infracote Membrane is NOT recommended for high glaze terracotta tiles.

### PERFORMANCE GUIDE

<b>Weather</b>	Excellent resistance	<b>Salt</b>	Excellent resistance
<b>Heat</b>	Resistant to 90 degrees celsius	<b>Water</b>	Less than 1 gram water transmission over 24 hours per metre squared under 1kPa pressure
<b>Solvent</b>	N/A	<b>Abrasion</b>	Good resistance
<b>Acid</b>	No reaction to 3% hydrochloric acid	<b>Alkali</b>	No reaction to 1% caustic solution

### TYPICAL PROPERTIES

<b>Gloss Level</b>	Mid	<b>V.O.C</b>	Level < 30 g/L
<b>Gloss Level Ind</b>	5 10 20 30 40 50 60 70 80 90 100	<b>Volume Solids (%)</b>	35.5 +/- 1%
<b>Colour</b>	Wide range of colours.	<b>Mass Solids (%)</b>	36.3 +/- 1%
<b>Number of Coats</b>	2 min.	<b>Viscosity</b>	RVD Brookfield Spindle, 6 @ 10rpm - 33,000cps +/- 2%
<b>Touch Dry</b>	1 hour	<b>pH</b>	8.5 +/- 2%
<b>Recoat</b>	3 hours	<b>Specific Gravity</b>	(g/cm <sup>2</sup> ) 1.08 - 1.15 untinted
<b>Full Cure</b>	14 days	<b>Anti Carbonation</b>	2 coats equivalent to cm concrete cover - 86
<i>All figures are quoted at 25 degrees C and 50% Relative Humidity</i>			
<b>Application</b>	Brush, Roll or Spray	<b>Components</b>	1
<b>Tip Size</b>	619 - 621	<b>Toxicity</b>	Lead free. Dry film is nontoxic, drinking water safe
<b>Coverage</b>	5 - 6 sqm/L	<b>Shelf life</b>	24 months maximum
<b>Clean Up</b>	Water	<b>Wet film per coat</b>	Recommended 168 um
<b>Thinner</b>	Not Recommended	<b>Dry film per coat</b>	Recommended 60 um
		<b>Size</b>	5 and 15 litres



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## APPLICATION PROCESS

- Surface must be sound, clean and dry.
- Treat with Prepcote Surface Treatment.
- Apply 1 coat Primecote Sealer Primer.
- Apply first coat of Infracote Mid Lustre Membrane.
- Apply second coat of Infracote Mid Lustre Membrane.

It is recommended that the application process is carried out by a skilled applicator who is fully conversant with the Globalcote Products and systems, to validate the material warranty conditions. It is also the responsibility of the Applicator to ensure that the substrate is of an acceptable standard prior to the application of the Globalcote Coating System. The Infracote Mid Lustre Coating will only follow the contour of the substrate, therefore in certain light conditions imperfections may be evident. This issue is not product related.

**NOTE:** 1. The surface preparation is the responsibility of the Builder, Renovator, Contractor or Applicator.  
 2. Do not apply where rain is imminent. High humidity may effect curing times. Weather conditions must be considered and deemed suitable before proceeding with application of the Globalcote system .

## SURFACE OR SUBSTRATE

**Rejuvenate Existing Rendered, Textured or previously painted Masonry Surfaces - UNIVERSAL EXTERIOR**

Ensure Infracote compatibility with existing coating.  
 Ensure removal of any previous coating that is blistered, loose or flaking using a high pressure cleaner.  
 Ensure surface is dry prior to coating. Ensure surface is not subject to hydrostatic pressure.  
 If mould or mildew is evident, pre treat the surface with Prepcote Surface Treatment and allow to dry prior to coating.  
 Repair/replace Render or texture where required and allow to cure or dry.

**New & Uncoated Preblended Render - EXTERIOR  
 New & Uncoated Conventional Sand & Cement Render - EXTERIOR**

Ensure Pre Blended Rendered surface has 7 days curing prior to coating.  
 Ensure Conventional Sand and Cement Render has 28 days curing prior to coating.  
 Ensure moisture content is less than 6% at time of application to allow optimum coating performance. Ensure surface is not subject to hydrostatic pressure.  
 Ensure surface is clean, dry and dust free.

**New & Uncoated Off Form Concrete - EXTERIOR  
 New and Uncoated Tilt-Up & Pre Cast Panels - EXTERIOR  
 New and Uncoated Brick & Concrete Block - EXTERIOR**

Ensure all cementitious surfaces are fully cured prior to coating.  
 Ensure moisture content is less than 6% at time of application to allow optimum coating performance.  
 Ensure surface is not subject to hydrostatic pressure.  
 Ensure all foreign material and contaminants (including Bond Breakers & release agents) that may affect the adhesion of the Infracote Mid Lustre Coating is removed prior to coating.  
 Ensure surface is free from mould or mildew. Pressure wash and treat with Prepcote Surface Treatment prior to coating.

**New and Uncoated Fibre Cement Sheets - EXTERIOR**

Ensure Fibre Cement sheets are securely fixed in accordance with manufacturer's specifications.  
 Ensure surface is not subject to hydrostatic pressure. Ensure that there is no possibility of future sheet movement. Ensure surface is clean, dry and dust free

## HEALTH + SAFETY

- Contact Poisons Information Centre (Phone Australia: 13 11 26) or a doctor.
- **Ingestion** Do not induce vomiting. Give water to drink. Seek medical assistance.
- **Eye Contact** Flush eyes in eye baths until irritation subsides. Seek medical assistance.
- **Skin Contact** Wash thoroughly with soap and water. Launder contaminated clothing before reuse. Seek medical assistance if irritations develop.
- **Inhalation** Remove to rest. Seek medical assistance.
- **First Aid facilities** Eyebaths, safety showers
- **Medical Attention** Treat symptomatically.

## RECOMMENDATIONS + PRECAUTIONS

- Ensure that appropriate workplace health and safety methods are used when working with this product.
- Use this product in a well ventilated area.
- Ensure that the surface is sound, clean and dry.
- Ensure that the application of the product is in accordance with Globalcote recommendations.
- Due care and consideration should be taken where water collection methods are present. Globalcote recommends allowing 10 days curing and an initial rinse (rain or tap water wash) prior to reconnecting water collection systems.

**MSDS:** Available on request. Please visit the Globalcote Website - [www.globalcote.com.au](http://www.globalcote.com.au).

**DISCLAIMER** The recommendations and data provided in this document are true and accurate at the time of testing. The information is given in good faith but without any guarantee as conditions and methods of use on the Globalcote product are beyond Globalcote's control. Globalcote recommends that the applicator of this product determines the suitability of the Globalcote material and its recommendations prior to use or application.