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ELASTACOTE™ MEMBRANE MID LUSTRE

Data Sheet

DESCRIPTION

Globalcote Elastacote 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 Elastacote 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 Globalcote Membrane continues to perform.

FEATURES + BENEFITS

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

USES

Globalcote 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 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.

PERFORMANCE GUIDE

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

TYPICAL PROPERTIES

Gloss Level	Mid	V.O.C	Level < 30 g/L
Gloss Level Ind	5 10 20 30 40 50 60 70 80 90 100	Volume Solids (%)	35.5 +/- 1%
Colour	Wide range of colours.	Mass Solids (%)	36.3 +/- 1%
Number of Coats	2 min.	Viscosity	RVD Brookfield Spindle, 6 @ 10rpm - 33,000cps +/- 2%
Touch Dry	30 minutes	pH	8.5 +/- 2%
Recoat	2 hours	Specific Gravity	(g/cm ²) 1.08 - 1.15 untinted
Full Cure	14 days	Anti Carbonation Components	2 coats equivalent to cm concrete cover - 86
<i>All figures are quoted at 25 degrees C and 50% Relative Humidity</i>			
Application	Brush, Roll or Spray	Toxicity	Lead free. Dry film is nontoxic, drinking water safe
Tip Size	619 - 621	Shelf life	24 months maximum
Coverage	5 - 6 sqm/L	Wet film per coat	Recommended 168 um
Clean Up	Water	Dry film per coat	Recommended 60 um
Thinner	Not Recommended	Size	20 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 Elastacote Mid Lustre Membrane.
- Apply second coat of Elastacote 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 Elastacote 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 Globalcote 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 Globalcote 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 that there is no possibility of future sheet movement. Ensure surface is not subject to hydrostatic pressure. 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.

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.