

Product Data Sheet



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Product Name: SOLARFLEX™

High Build Heat Reflective Performance Membrane Coating

Solarflex™ is a quality membrane Reflective coating system specifically designed for direct application to various substrates with reflective pigments reducing temperature by up to 15°C. Solarflex™ will provide a flexible water tight durable membrane top coat with high build and where structural movement may be required. Solarflex has been use with the to two major Telco's Optus and Telstra coating satellite dishes thought out New South Wales and Western Australia. With this extreme environment has proven to be of the highest quality and long term Performance Coating. Solarflex™ gives excellent adhesion to a wide variety of substrates including Galvanised Iron, Concrete, Zincalume, and Aluminium, bitumen, Timber and Colorbond substrates. Solarflex™ is suitable for interior and exterior applications with exceptional expansion qualities.

Physical Data

Product:	Pure Acrylic resin with lightfast pigments and mineral fillers.
Appearance	Viscous liquid, White in colour.
Density	1.25Kg/Lt +/- 5%
Weight Solids:	~52%
Application Rate	2.0 Lt/m ² at D.F.T at 200 microns (for Reflective application)
Application:	Airless spray, Brush or Roller
Number of coats:	1-2 coats
Touch Dry:	1 hour @ 200um DFT at 25° C
Recoat:	24 hours (if required)
Hard Dry:	8 hours @ 200um DFT at 25°C
Clean-up:	Water
Storage:	Store under cover cool dry conditions up to 2 years.
Classification:	Non Hazardous.
Risk Phrase(s)	Not Applicable

Application Information

Surface Preparation: Surface must be clean free of oil and grease. All loose particles should be removed and repairs carried out to be clean and free of contaminants and treaded.

Solarflex applied by airless spray can be diluted up to 5% for better flow through rate using a Airless spray equipment at 5 bar pressure with a minimum 0.22mm to 0.30mm nozzle size tip.

Application Rate: At 2.0Lt/m² at a D.F.T. of 200 microns, this would be applied over two or more coats.

Drying: May vary depending on air temperature, humidity and air flow. Touch dry in 1 to 2 two hours. Dry film cured within 24 hours. Do not apply if temperature is below 10°C or if rain is imminent and relative humidity is >85% above, or heave due.

Equipment Clean up:

Wash all equipment thoroughly with water whilst product is still wet.

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Safety Precautions:

Inhalation Seek medical advice if effects persist.
Ingestion Give water to drink. DO NOT induce vomiting. Seek medical advice.
Skin Wash affected areas with copious quantities of water. If swelling, redness, Blistering or irritation occurs seek medical advice.
Eye Contact Remove contact lenses. Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

Protection for First Aiders Wear gloves/safety glasses if contact with concentrate is made.

Typical specification

Surface	Preparation	System	Dry Film Build
Plaster, masonry, brick, cement, cement render, fibre sheeting, and wood or galvanised metal.	Thoroughly clean the surface ensuring all traces of loose material and surface contamination (oil, grease etc) are removed. Remove any flaking or peeling paint, fill and sand surface (if required). <i>Prepare galvanised or steel surfaces.</i>	1. Solarflex™ 2. Solarflex™	100 - 200 um 100 - 200 um

Precautions

Refer to Huecoat Paint Co. Safety Data Sheet (SDS) for health and safety info before use.

Pack Sizes

20 litre plastic pails, 200 litre drums.

Contact information

For further information and technical assistance contact us.

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