



Endura Paint Pty Ltd  
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# HEATBLOC MEMBRANE

## Heat Reflecting Paint

### Product Information Sheet (PIS)

#### Product Description

**HEATBLOC MEMBRANE** is a single pack, water-based topcoat formulated on an elastomeric base. It is designed for coating over a variety of roof surfaces including galvanised iron and other metals. It provides significant temperature drops and functions as a reflective paint and makes a small contribution as an insulating coating.

#### Product Features:

- Can be used on a variety of roof surfaces.
- Excellent protection from the elements
- Good flexibility
- Provides significant temperature drops inside buildings<sup>1</sup>.
- Fast development of hardness and water resistance
- Excellent WAP (water adhesion promotion)
- Crack and chip-resistant

<sup>1</sup>Produces an interior temperature nearly 9°C lower than that measured inside an area covered by a new shiny galvanized steel roof. Best results are achieved with white or light pastel colours.

#### Product Benefits

HEATBLOC MEMBRANE offers these additional impressive characteristics:

Easy to brush, roll or spray	Recoatability at any time
No highly dangerous solvents	Safe for general storage
Quick development of adhesion	Water clean-up

#### Product Characteristics

<b>Specific Gravity</b>	1.2 ± 0.1
<b>Volume Solids</b>	46.5% ± 1.0%
<b>Colour</b>	White
<b>Coverage Rates</b>	Apply at a rate of 7-9 m <sup>2</sup> /litre (subsequent coats usually spread further) Two coats recommended
<b>Shelf Life</b>	Maximum 10 years (stored in cool, dry, dark conditions)

#### Surface Preparation

Ensure that all grease, oil, dirt, and other contaminants have been removed. If the surface is shiny, abrade the substrate with a wire brush or sandpaper. Remove all dust and scrub with neat (undiluted) FLOORPREP 100 and finish with a rinse of fresh water and let thoroughly dry.

#### METAL ROOFS:

If the surface requires priming, apply one coat of METALFIX RED for rusted surfaces, or METALFIX 1000 RED for all other surfaces (including galvanized and coated steel) and allow to dry before topcoat application.

#### OTHER ROOF TYPES (TILE, CONCRETE, ETC.):

If the surface is contaminated with mould, algae and/or moss, etc., physically remove as much of the contaminants as possible. Scrub the surface with neat (undiluted) FLOORPREP 100, wash off with fresh water and let thoroughly dry.

#### Mixing

Stir the HEATBLOC MEMBRANE carefully before use, using either an electric or handheld stirrer. If the paint has been stored for some months an electric stirrer will be required. DO NOT dilute with water as this could compromise the physical properties of the final film and the life expectancy of the coating may deteriorate.



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#### Application

Once preparation is completed, apply two generous coats of HEATBLOC MEMBRANE using a brush, roller, or spray gun (conventional or airless). Allow 2-4 hours between coats.

**IMPORTANT NOTE:** It is not recommended to apply HEATBLOC MEMBRANE if the temperature is below 12°C or above 30°C or if wet, humid, or cool conditions exist. During extremes of hot weather, apply the coating early in the morning, having cleaned and prepared the surface previously. During cold weather, all Phoenix Paints products must be warmed to 25° to 30°C before the coatings are applied. This can be achieved by immersing the container in hot water and stirring occasionally.

If any Phoenix Paints product is being used in conjunction with any other paint or coatings brand, we strongly advise to carry out a test patch first to ensure that no adverse reaction occurs.

#### Drying/Curing

	25°C 50% RH
Touch Dry	1-2 hours
To Recoat	2-4 hours

Dry times are subject to ambient conditions (temperature and humidity), good airflow and film build. Ensure that HEATBLOC MEMBRANE is allowed to fully dry and cure before being exposed to moisture or rain. Any moisture (e.g., rain, dew, condensation) that contacts the paint before full cure can cause paint film failure.

#### Clean-Up

Wash all equipment immediately after use with clean water. Do not allow the coating to set hard on any of these items.

#### Ordering Information

HEATBLOC MEMBRANE is available in the following package sizes: 5 Litre and 10 Litre.

#### Storage

Keep product frost-free and protect from freezing. **DO NOT** store any Phoenix Paints products in work vehicles or vans – the temperatures inside may affect the formulations.

#### Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS can be requested by email at [admin@endurapaint.com.au](mailto:admin@endurapaint.com.au) or on our website at [www.phoenixpaints.com.au](http://www.phoenixpaints.com.au).