

Evergreen

HEATGUARD

INFRARED REFLECTIVE ROOF PAINT

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION	Heat Reflective (Infra-Red) Paint: 5 – 9°C reduction in under-roof temperature	
APPLICATION AREAS	<ul style="list-style-type: none"> • Primed wood/metal. • Primed cement plaster or fibre cement. • Previously painted substrates. • Roofs. 	
PRODUCT FEATURES	<ul style="list-style-type: none"> • A new generation pure acrylic long life heat reflecting (Infra-Red) roof paint. • High durability and UV resistance against the harsh Gauteng climate. • Water resistant. • Infra-Red heat reflection. • Excellent adhesion and flexibility. • Easy no-mess application properties. • Quick drying - 2 coats can be applied in one day. • When correctly applied to a properly prepared substrate, the product has a life expectancy of 10 years - possibly longer. The use of Specialized Polymers improves durability, water-resistance, dirt-shedding as well as reflecting heat and reducing under-roof temperature. Reduction in temperature between 5 – 9°C. 	
PRODUCT DATA	RESIN BASE	Acrylic resin emulsion.
	DRYING TIME	Touch dry: ± 1 hour. Hard dry: ± 4-6 hours.
	FILM THICKNESS	70-90 microns per coat.
	SPREADING RATE	6-8 SQM per litre per coat. NOTE: Spreading rate can vary due to substrate porosity and substrate type. For uncoated new surfaces work on 3-4 sqm/1L for the first coat and 4-5 SQM/1L for subsequent coats and when applied to sealed or previously painted substrates.
APPLICATION DETAILS		
• Mixing	Always stir well to a smooth consistency before use with a flat paddle.	
• Application Method	Brush, roller and airless spray.	
• Thinning	This product is ready for use un-thinned; thinning with water will reduce its hiding ability and efficacy (life-span).	
• Cleaning	Clean application equipment thoroughly with clean tap water.	

Evergreen REFLECT

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<ul style="list-style-type: none"> • Application 	<ul style="list-style-type: none"> • Stir well before use. • With a brush or roller apply a generous coat of Reflect to the area that needs protecting. • Allow to dry 3-4 hours before recoating. • With a brush or roller apply a second generous coat. • A minimum of 2 coats of Reflect are required for best results. • Do not thin the product – use as applied. Do not exceed recommended spreading rate. • Do not apply before 09:00 and after 16:00 in the winter. • Do not apply on exposed exterior surfaces if rain is imminent within 4-6 hours of application.
<h3>SURFACE PREPARATION</h3>	
<ul style="list-style-type: none"> • Rusted Metal 	<ul style="list-style-type: none"> • Remove loose dirt, sand and dust from the area. • Affected areas need to be cleaned back to bright metal and spot primed with a lightly coloured water-based rust-retarding primer. • If required wash, rinse and dry the surface before application. • Apply at least 2 coats of Reflect.
<ul style="list-style-type: none"> • New Metal 	<ul style="list-style-type: none"> • Surfaces MUST be degreased with a galvanized iron cleaner to remove the manufacturer's grease protective layer. Repeat the process until the surface is water-break free. • Rinse well with potable water. • Prime the clean degreased metal with a lightly coloured water-based rust-retarding primer. • Apply at least 2 coats of Reflect.
<ul style="list-style-type: none"> • Wood 	<ul style="list-style-type: none"> • Sand smooth and wipe off all dust. • Prime with synthetic universal undercoat. • Apply at least 2 coats of Reflect.
<ul style="list-style-type: none"> • Uncoated Cement Plaster Surfaces 	<ul style="list-style-type: none"> • Remove dust and foreign material. • Remove all fungal and algae growth with bleach until clean. • Fill all visible cracks with an appropriate crack filler, allow to dry then seal with an alkali resistant primer. • Apply at least 2 coats of Reflect.
<ul style="list-style-type: none"> • Fibre Cement Surfaces (Uncoated/ Weathered/ New) 	<ul style="list-style-type: none"> • Remove dust, foreign material. • Remove all fungal and algae growth with bleach until clean. • If friable or powdery, seal with a bonding liquid or alkali-resistant primer. • Apply at least 2 coats of Reflect.
<ul style="list-style-type: none"> • Previously Painted Surfaces 	<ul style="list-style-type: none"> • Make sure old paint coatings are firm and solid. • Remove all loose, flaking, and bubbling paint. • Remove all dust, grease and foreign material. • Remove all fungal and algae growth with bleach until clean. • If friable or powdery, seal with a bonding liquid or alkali-resistant primer. • Dark coloured paint might require a suitable white undercoat before applying Reflect. • Apply at least 2 coats of Reflect.
<h3>COLOUR RANGE AND QUANTITIES</h3>	<ul style="list-style-type: none"> • Due to its reflective properties this product is only available in white. • Available in 5 and 20 litres.
<h3>PRECAUTIONS</h3>	<p>Reflect is not flammable, contains no toxic substances and very low levels of VOC meeting EU regulations.</p>
<h3>DISCLAIMER</h3>	<p>Evergreen Coating PTY LTD cannot be held liable if the product fails due to improper surface preparation or application.</p>