

## A500 INSULPAINT

### Energy Saving Reflective/Waterproofing Coating

#### PRODUCT DATA SHEET

---

<b>Features</b>	<ul style="list-style-type: none"> <li>• Outstanding heat rejecting properties</li> <li>• Suitable for most building surfaces with use of correct primers</li> <li>• Excellent flexibility and bridging properties</li> <li>• Suitable for interior and exterior use.</li> </ul>																
<b>Product Description</b>	<i>Insulpaint</i> is an acrylic membrane reinforced with a unique patented extender called Acrad 8, which provides outstanding heat rejecting, heat re-radiating and weatherproofing properties.																
<b>Recommended Uses</b>	<i>Insulpaint</i> is formulated for the use in atmospheric, light industrial and rural environments. It is typically used as a single coat over suitably prepared metal, fibro and concrete substances exposed to high levels of solar radiation.																
<b>Performance Properties</b>	<table> <tr> <td>Temperature</td> <td>-20° + 120° C (DRY)</td> </tr> <tr> <td>Weatherability</td> <td>Excellent</td> </tr> <tr> <td>Solvent Adhesion</td> <td>Poor</td> </tr> <tr> <td>Alkali Resistance</td> <td>Excellent</td> </tr> <tr> <td>Acid Resistance</td> <td>Good</td> </tr> <tr> <td>Adhesion</td> <td>Excellent</td> </tr> </table>	Temperature	-20° + 120° C (DRY)	Weatherability	Excellent	Solvent Adhesion	Poor	Alkali Resistance	Excellent	Acid Resistance	Good	Adhesion	Excellent				
Temperature	-20° + 120° C (DRY)																
Weatherability	Excellent																
Solvent Adhesion	Poor																
Alkali Resistance	Excellent																
Acid Resistance	Good																
Adhesion	Excellent																
<b>Product Information</b>	<table> <tr> <td>Colour</td> <td>White &amp; 16 standard colours</td> </tr> <tr> <td>Finish</td> <td>Low Sheen</td> </tr> <tr> <td>Volume Solids</td> <td>~ 60%</td> </tr> <tr> <td>Film Thickness</td> <td>Dry film 250 - 300 microns Wet film 400 - 500 microns</td> </tr> <tr> <td>Theoretical Coverage</td> <td>Approximately 2 coats @ 2 m<sup>2</sup> per litre finished.</td> </tr> <tr> <td>Dry Time @ 25° C.</td> <td>Touch 1 hours Handle 4 hours Recoat after 8 hours</td> </tr> <tr> <td>Thinner</td> <td>Clean Tap Water</td> </tr> <tr> <td>Shelf life</td> <td>12 months minimum</td> </tr> </table>	Colour	White & 16 standard colours	Finish	Low Sheen	Volume Solids	~ 60%	Film Thickness	Dry film 250 - 300 microns Wet film 400 - 500 microns	Theoretical Coverage	Approximately 2 coats @ 2 m <sup>2</sup> per litre finished.	Dry Time @ 25° C.	Touch 1 hours Handle 4 hours Recoat after 8 hours	Thinner	Clean Tap Water	Shelf life	12 months minimum
Colour	White & 16 standard colours																
Finish	Low Sheen																
Volume Solids	~ 60%																
Film Thickness	Dry film 250 - 300 microns Wet film 400 - 500 microns																
Theoretical Coverage	Approximately 2 coats @ 2 m <sup>2</sup> per litre finished.																
Dry Time @ 25° C.	Touch 1 hours Handle 4 hours Recoat after 8 hours																
Thinner	Clean Tap Water																
Shelf life	12 months minimum																

#### Application Specifications (Primers to be used)

Surface	Preparation	System	Dry film Thickness
Galvanised Iron/Colourbond Steel, Zinalume	Degrease	A532 Galvabond <b>A500 Insulpaint</b>	25 microns 250 – 300 microns
Aluminium/Stainless Steel	Degrease	A531 Metal Etch Primer <b>A500 Insulpaint</b>	25 microns 250 – 300 microns
Concrete, Fibro Sheeting	Degrease and acid etch	A170 Hi-Flex Primer <b>A500 Insulpaint</b>	30 – 40 microns 250 – 500 microns

**A500 INSULPAINT**  
**Energy Saving Reflective/Waterproofing Coating**

**PRODUCT DATA SHEET**

---

Brick, Cement Render & Plaster	Degrease and acid etch	A170 Hi-Flex Primer <b>A500 Insulpaint</b>	30 – 40 microns 250 – 500 microns
Cracked Surfaces	Surfaces with fine line cracks, prime surface as required then apply <b>A500 Insulpaint</b> to a higher film build than normal to allow for expansion of these cracks . Depending on the width of the crack, apply <b>A500 Insulpaint</b> at a DFT of 800 – 1000 microns		
<b>Application</b>	Stir thoroughly before use.  Brush/roller – apply one or two even coats direct from the container. For ease of application dilute the <b>Insulpaint</b> with 5% water and stir. (1 litre of water to 20 litres of <b>Insulpaint</b> .)  Airless Spray – spray gun with 35 tip.		
<b>Clean Up</b>	Clean all equipment with clean tap water immediately after use. Dried material may be softened and removed with methylated spirits or xylene.		
<b>Precautions – General</b>	Rate of drying is affected by airflow, temperature and relative humidity. Do not apply <b>Insulpaint</b> at temperatures below 10°C, surface temperature above 3°C of the Dew Point or if the surface temperature is above 40°C. Relative Humidity to be below 85%.  Roofs used for collecting rainwater should have the first lot of rainwater after application diverted to another area.  DO NOT APPLY <b>INSULPAINT</b> IF RAIN IS IMMINENT		
<b>Technical Service</b>	Specifiers and applicators should ensure that the literature to which they are referring is the current version.  <b>Insulpaint Australia Pty Ltd</b> offers technical support to investigate and advice on all aspects of this product.		
<b>Disclaimer</b>	All information given in good faith, but no guarantee of accuracy is made nor can we anticipate every possible application of our product or variations in manufacturing equipment and methods. Our products are therefore sold without warranty express or implied and on the condition that the purchaser relies on his own ability to determine the suitability of each product for a particular purpose.		