

# BITUMINOUS ALUMINIUM PAINT

PRODUCT CODE: RMB 1

## TECHNICAL DATA SHEET

<b>Product Description</b>	A single pack bitumen and alkyd-based aluminium paint with excellent flow and brilliance.														
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>Used as a decorative and protective coating over tar and bitumen based finishes to protect them against ultraviolet degradation.</li> <li>It is the recommended protective finish for bitumen-type roofing materials.</li> <li>Also used for general steelwork where there is no handling of the painted object.</li> </ul>														
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Exceptionally flexible</li> <li>Excellent durability</li> <li>Weather resistant</li> <li>Brilliant silver finish</li> <li>UV resistant</li> </ul>														
<b>Product Information</b>	Appearance	Silver lustre													
	Colour	Aluminium													
	Solids	Approx. 43 % by mass; 36 % by volume													
	S G	0,97 (typical)													
	Recommended DFT	Min: 20 µm Max: 35 µm													
	Viscosity at 23 °C	15 " FC4 (typical)													
	Flash Point	38 °C													
	Theoretical spreading rate	12 m <sup>2</sup> /ℓ per coat @ 30 µm DFT													
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.													
	VOC	590 g/ℓ													
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.													
	Method	Brush, roller or spray.													
	Substrate	Well prepared surfaces.													
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 2 °C min above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85%</td> </tr> </tbody> </table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Max: 40 °C	Max: 40 °C	Max: 85%													
	Thinning	Ready for use. Thinning not recommended for brush and roller application. Use minimum <b>MINERAL TURPENTINE (AZH 1)</b> for spray application only if required.													
	Cleaning	<b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER</b> .													
	Drying time	Touch dry	2 h @ 23 °C												
		Overcoating	16 h @ 23 °C												
		Dry to handle	24 h @ 23 °C												
<b>Storage and Packaging</b>	Store away from direct sun, open flames, sparks and severe cold. Packaging: 5 ℓ and 20 ℓ														

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<b>Surface Preparation</b>	<p>Surfaces must be clean and dry before painting.</p> <ul style="list-style-type: none"> <li>• <b>MILD STEEL:</b> Remove oil, grease and dirt contamination with <b>AQUASOLV DEGREASER (GR 1)</b>. Rinse thoroughly with clean water. Remove any rust and mill scale by abrasive blast cleaning to Grade Sa 2 ½. Of ISO 8501-1:1998 with a blast profile not exceeding 20-30 µm. Alternatively wire brush to Grade St 3 of the same standard. This is not as effective and may result in a shorter maintenance free period.</li> <li>• <b>GALVANISED STEEL:</b> Remove oil, grease and temporary protective coating with <b>METALCARE GALVANISED IRON CLEANER (GIC 1)</b>, followed by clean water rinses until a water break-free surface is achieved. Remove any white or red rust by wire brushing, sanding, etc. back to bright metal.</li> <li>• <b>PREVIOUSLY PAINTED SURFACES:</b> Clean surfaces with scrubbing brush and <b>POLYCELL SUGAR SOAP</b> solution. In industrial environment it is recommend that the surface be scrubbed with <b>AQUASOLV DEGREASER (GR 1)</b> followed by clean water rinses. Remove any white or red rust by wire brushing, sanding, etc. back to bright metal.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply 1 or 2 coats by brush, roller or spray allowing overnight drying between coats.</li> <li>• If necessary, thin with a minimum quantity of <b>MINERAL TURPENTINE (AZH 1)</b> for spraying.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• Avoid excessively thick applications which will retard through drying.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Always keep paint out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• Do not smoke while painting.</li> <li>• Flammable. Store in a cool dry place away from heat and sparks.</li> <li>• If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.</li> <li>• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>• Harmful if swallowed. Seek medical attention and do not induce vomiting.</li> <li>• Refer to Safety Data Sheet for complete information.</li> </ul>

**DISCLAIMER:**

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

**NB:** Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER: Quote product name, product code number, packaging and colour.**

**KANSAI PLASCON (PTY) LIMITED**

**CAPE TOWN:**

P O Box 42  
Eppindust 7475  
Tel: (021) 505-2400  
Fax: (021) 534-3791

**DURBAN:**

Private Bag X16  
Mobeni 4060  
Tel: (031) 451-3200  
Fax: (031) 451-3411

**KRUGERSDORP:**

P.O. Box 4010  
Luipaardsvlei 1743  
Tel: (011) 951-4500  
Fax: (011) 955-2841

**PORT ELIZABETH:**

P O Box 1594  
Port Elizabeth 6000  
Tel: (041) 401-1400  
Fax: (041) 453-4606

**PLASCON ADVISORY SERVICE: 0860 20 40 60**

