

<p><b>1. DESCRIPTION</b></p> <p>Impa Bitumen Aluminum is a one pack aluminum pigmented product which may be applied directly to bituminous surfaces, bitumen waterproofing and galvanized roofs.</p>	<p><b>ALUMINIUM FINISHES</b></p> <p><b>IMPA BITUMEN ALUMINIUM</b></p> <p>ISSUED DATE: June 2015, REV 2</p>	
<p><b>2. FEATURES</b></p> <ul style="list-style-type: none"> <li>Improves illumination</li> <li>Good water resistance</li> <li>Free from bleeding on bituminous surfaces</li> <li>High luster bituminous Aluminum paint.</li> <li>Reflects heat</li> <li>Exceptionally flexible</li> <li>Excellent durability</li> <li>Weather resistant</li> <li>UV resistant</li> <li>Excellent <b>flow</b> and <b>leveling</b> properties</li> </ul>	<p><b>TECHNICAL DATA</b></p>	
<p><b>3. SURFACE PREPARATION</b></p> <p>Surfaces must be clean and dry before painting</p>	<p><i>Product Code</i> <i>Colour</i></p> <p>AL4001 Silver</p>	<p><i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i></p> <p>Silver Lustre 12 Months 5L &amp; 20L 37°C</p>
<ul style="list-style-type: none"> <li><b>MILD STEEL:</b> Remove oil, grease and dirt contamination with <b>Restore Heavy Duty Degreaser</b>. Rinse thoroughly with clean water. Remove any rust and mill scale by abrasive blast cleaning to Grade SA 2½. Of ISO 801-1:1998 with a blast profile not exceeding 20-30µm. 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. It is good practice to use a Etching Primer on mildsteel.</li> </ul>	<p><i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i></p> <p>40 sec. Min/F4/23°C 1.01 – 1.03kg/l 21 – 23% 44– 46%</p>	<p><i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i></p> <p>14-16 m²/L @35µM, DFT 2</p>
<ul style="list-style-type: none"> <li><b>GALVANISED STEEL:</b> Remove oil, grease and temporary protective coating with <b>IMPA GALVAISED IRON CLEANER</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 <b>PREVIOUSLY PAINTED MILD AND GALVANIZED STEEL: Remove rust or peeling paint with the appropriate Restore Deep Penetrating Paint Stripper or by wire brushing and sanding.</b> Chemical removing of rust can also be done with <b>Restore Ferro Rust Remover</b>. Clean surfaces with scrubbing brush and <b>Restore Sugar Soap</b> solution. In industrial environment it is recommended that the surface be scrubbed with <b>Restore Heavy Duty Degreaser</b> followed by clean water rinses. Remove any white or red rust by wire brushing, sanding, etc. back to bright metal.</li> </ul>	<p><b>DRYING TIME</b></p> <p><i>Touch dry time</i> <i>Recoating Time</i> <i>Full Cure</i></p> <p>1 Hour at 23°C 4 Hours at 23°C 4 – 7 days</p>	
	<p><b>APPLICATION</b></p> <p><i>Roller &amp; Brush</i> <i>Spray</i></p>	<p><i>Ready for use.</i> <i>Dilute not more than 10% with Mineral Turpentine</i></p>
	<p><i>Cleaning</i> <i>Mixing</i></p>	<p><i>Mineral Turpentine</i> <i>Stir until homogeneous</i> <i>Stir occasionally during use.</i></p>

#### 4. LIMITATION

- Not to be used over soft bitumen and pitches where there is a difference in elasticity of the two systems.
- Not suitable for tough resistance
- Cannot be over coated with enamels without the bitumen “bleeding” into the topcoat.
- Flammable
- Provide ventilation in confined areas.
- Test panel should be done for suitability before application over previously painted enamel or similar surfaces as intercoat adhesion and bitumen “bleeding” could occur.

#### 5. APPLICATION

- Apply 1 or 2 coats by brush, roller or spray allowing overnight drying between coats.
- If necessary thin with a minimum quantity of **MINERAL TURPENTINE** for spraying.

#### 6. SAFETY PRECAUTIONS

- Application should be avoided in cold and moist weather conditions.
- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- Always keep paint out of reach of children
- Ensure good ventilation during application and drying
- Do not smoke while painting
- Flammable. Store in a cool dry place away from heat and sparks
- If accidental contact with skin should occur, wash immediately with soap and water or a recognized skin cleaner
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting
- Refer to Material Safety Data Sheet for complete information.

#### Environmental Health & Safety Information

**WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: LOW & HIGH AROMATIC SOLVENTS. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION.** To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

**CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.**

Refer to Material Safety Data Sheet for additional health and safety information.

**IN CASE OF FIRE:** Use foam, CO<sub>2</sub>, dry chemical, or water fog.

**SPILL** – Absorb with inert material and dispose of as specified under **Thinning/Clean-up**.

† **WARNING!** If you scrape, sand or remove old paint, you may release lead dust.

#### **DISCLAIMER**

*The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always strive to keep clients informed about changes to be made, but cannot bind ourselves to such notes Please ensure the use of the latest Technical Data Sheet. **Please note:** that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at [www.impa.co.za](http://www.impa.co.za). All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.*