

<p>1. DESCRIPTION</p> <p>Impa MP10 METAL PRIMER is a supreme quality Waterborne Primer for various metals. It has a built-in anti-rust function for new or weathered galvanized iron and metal.</p> <p>It can be used on various products domestically, and industrially. Wherever rust can accumulate windows- and door frames, implements, tanks, rail and roofs or priming of industrial steel framing.</p>	<p>WB PRIMERS</p> <p>IMPA MP10 METAL PRIMER</p> <p>ISSUED DATE: APR 2021 Rev 2</p>													
<p>2. INTENDED USES</p> <ul style="list-style-type: none"> • Impa MP10 METAL PRIMER is a universal primer. • A good anti-corrosive primer for abrasive blast cleaned steel. • Provides protection to surfaces in coastal, humid and generally corrosive environments. <p>3. FEATURES</p> <ul style="list-style-type: none"> • Excellent corrosion resistance • Environmentally Waterborne product • Good Sanding • Dries out rapidly and can be handled within 1 hour. • The surface of the finished product will be smooth and ready to be painted on, because it has good floe and leveling properties. • Can be safely used in a confined space. • The product is water-based and therefore solvent free. • Good adhesion between topcoat and intercoat. • Apeo, formaldehyde and ammonia free <p>4. PREPARATION OF SURFACES:</p> <p>All surfaces should be thoroughly clean, dry and free from dirt, salt, algae, grease and excess rust.</p> <ul style="list-style-type: none"> • New Galvanized Iron: New remove pre-treatment oil and other loose particles with Restore Galvanized Iron Cleaner. Wash with water until a water break-free surface is attained. Leave to dry. • New Metal: Surface must be abraded lightly with sanding, wire brushing, chipping hammer or sandblasting. Clean dirt, grease and light rust with a Restore Galvanized Iron Cleaner. Wash with water until a water break-free surface is attained. Leave to dry. 	<p>TECHNICAL DATA</p> <table border="1"> <tr> <td data-bbox="751 792 1114 994"> <i>Product Code</i> <i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i> </td> <td data-bbox="1114 792 1535 994"> PI1021 Grey Low Sheen 24 Months 1L&5L Nonflammable </td> </tr> <tr> <td data-bbox="751 994 1114 1160"> <i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> VOC </td> <td data-bbox="1114 994 1535 1160"> 95 - 100KU (depending on colour) 1,30 – 1,32kg/L @ 23°C 52 – 53% 38 – 39% < 25 </td> </tr> <tr> <td data-bbox="751 1160 1114 1326"> <i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i> </td> <td data-bbox="1114 1160 1535 1326"> 8 – 10m²/L@ max 80µm wet and 40µm dry 1 </td> </tr> <tr> <td data-bbox="751 1326 1114 1585"> <p>DRYING TIME</p> <i>Surface</i> <i>Hard</i> <i>Recoating Time</i> </td> <td data-bbox="1114 1326 1535 1585"> 1 Hour at 25°C 6 Hours at 25°C 48 Hours @ 25°C for solvent based topcoat 4 Hours @ 25°C for acrylic topcoat. </td> </tr> <tr> <td data-bbox="751 1585 1114 1771"> <p>APPLICATION</p> <i>Roller & Brush</i> <i>Spray</i> </td> <td data-bbox="1114 1585 1535 1771"> Ready for use Dilute with clean water. </td> </tr> <tr> <td data-bbox="751 1771 1114 1908"> <i>Cleaning</i> <i>Mixing</i> </td> <td data-bbox="1114 1771 1535 1908"> Water and soap while wet. Stir until homogeneous. Stir occasionally during use </td> </tr> </table>		<i>Product Code</i> <i>Colour</i> <i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i>	PI1021 Grey Low Sheen 24 Months 1L&5L Nonflammable	<i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> VOC	95 - 100KU (depending on colour) 1,30 – 1,32kg/L @ 23°C 52 – 53% 38 – 39% < 25	<i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i>	8 – 10m ² /L@ max 80µm wet and 40µm dry 1	<p>DRYING TIME</p> <i>Surface</i> <i>Hard</i> <i>Recoating Time</i>	1 Hour at 25°C 6 Hours at 25°C 48 Hours @ 25°C for solvent based topcoat 4 Hours @ 25°C for acrylic topcoat.	<p>APPLICATION</p> <i>Roller & Brush</i> <i>Spray</i>	Ready for use Dilute with clean water.	<i>Cleaning</i> <i>Mixing</i>	Water and soap while wet. Stir until homogeneous. Stir occasionally during use
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- **Weathered Metal:** Surface must be abraded heavily with sanding, wire brushing, chipping hammer or sandblasting. Be sure to check for oil, grease or any other particles. Thoroughly clean the surface and apply one coat of **Restore Ferro Rust Cleaner** as per specification. Wash with water until a water break free surface is attained. Leave to dry.
- **Weathered Galvanized Iron:** Remove loose, flaking paint and rust by wire brushing or sandpapering to a sound metal. Clean dirt, grease and sanding dust with a **Galvanised Iron Cleaner**. Wash with water until a water break-free surface is attained. Leave to dry.

5. APPLICATION

- Apply **Impa MP10 METAL PRIMER** by spray or brush to the required D.F.T
- Allow recommended drying times before overcoating with a desired top coat.

6. 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
- Be incredibly careful when over coating with compositions containing strong solvents e.g., nitro cellulose lacquers and this must only be done after full curing of **Impa MP10 METAL PRIMER**
- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognized skin cleaner.
- Take care to avoid contact with 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.

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: PROPYLENE OR ETHYLENE GLYCOL. 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, CO2, 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 prevail 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. All information listed is owned or used under licence of Impa Paints and its related companies.

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