



# ISO-RUST 4000 SERIES

Anti-Rust Paint

Glossy

Alkyd & Polyurethane

## TECHNICAL DATA SHEET

### DESCRIPTION

Our **ISO-RUST 4000** glossy finish is a superior quality anti-rust paint with polyurethane, for indoor and outdoor use. It is formulated to protect metal surfaces. It was developed to answer the needs of professional painters. **ISO-RUST 4000** can be used for commercial, industrial and residential projects.

USE	LIMITATIONS
This paint is applicable on interior and exterior surfaces. <b>ISO-RUST 4000</b> must be applied to surfaces that have been well prepared and properly primed. It is recommended for metal surfaces such as, doors, fences, roofs and furniture. Its glossy finish allows for easy cleaning while offering exceptional resistance.	Avoid application in all temperatures under 10°C Do not apply under direct sunlight Do not use on flooring Wait 7 days before proceeding with the first cleaning Do not mix with other paints

CHARACTERISTICS	TECHNICAL INFORMATION							
<ul style="list-style-type: none"> <li>The excellent adhesion properties offered by <b>ISO-RUST 4000</b> allow it to be applied on nearly any surface with a proper preparation (view <b>SURFACE PREPARATION</b> and <b>RECOMMENDED PRIMER</b> sections).</li> <li>Its smooth and waterproof finish prevents stain formation which eases maintenance.</li> <li>Due to the presence of polyurethane, <b>ISO-RUST 4000</b> is very resistant to weathering and wear.</li> <li>It contains reactive pigments that considerably slow down the formation of rust.</li> </ul>	<table border="1"> <thead> <tr> <th rowspan="2">DRYING TIME</th> <th>Recoat:</th> <th>To touch:</th> <th>Exterior:</th> </tr> </thead> <tbody> <tr> <td>18-24 hours</td> <td>8-16 hours</td> <td>Plan for dry weather 36 hours after application</td> </tr> </tbody> </table> <p>At 25° Celsius Relative humidity at 50% May differ depending on the colour</p> <p><b>SURFACE COVERAGE (for 3.78 L)</b> 37 - 46 m<sup>2</sup> (400 - 500 ft<sup>2</sup>) May vary depending on the surface porosity</p> <p><b>Recommended film thickness</b> Wet : 3.2 - 4.0 mils Dry : 1.66 - 2.08 mils</p> <p><b>Cleaning</b> Mineral spirit (MF-SOL 450)</p> <p><b>Resin</b> Alkyd &amp; polyurethane</p> <p><b>Thinner</b> Solvent</p> <p><b>Inflammability</b> Yes</p> <p><b>Flash point</b> 42°C</p> <p><b>% of solids by weight</b> 68%</p> <p><b>% of solids by volume</b> 52%</p> <p><b>VOC</b> &lt;400 g/L</p>	DRYING TIME	Recoat:	To touch:	Exterior:	18-24 hours	8-16 hours	Plan for dry weather 36 hours after application
DRYING TIME	Recoat:		To touch:	Exterior:				
	18-24 hours	8-16 hours	Plan for dry weather 36 hours after application					

TINTING BASES		FORMAT		
		946 ml	3,78 L	18,9 L
4000-0	White	X	X	
4000-1	P Base	X	X	max. of 2 oz of colorant / 3,78 L
4000-2	M Base	X	X	max. of 5 oz of colorant / 3,78 L
4000-4	D Base	X	X	max. of 8 oz of colorant / 3,78 L
4000-5	A Base	X	X	max. of 12 oz of colorant / 3,78 L

PRE-MIXED COLOURS	
<ul style="list-style-type: none"> <li>4015-0 Burgundy</li> <li>4025-0 Fire Red</li> <li>4045-0 Navy Blue</li> <li>4060-02 Forest Green</li> <li>4073-0 Medium Grey</li> <li>4075-0 Orange Peel</li> <li>4079-0 Terra Cotta</li> </ul>	<ul style="list-style-type: none"> <li>4090-0 Dark Brown</li> <li>4095-0 Golden Brown</li> <li>4099-0 Flat Black</li> <li>4100-0 Hi-Gloss Black</li> <li>4510-0 Security Yellow</li> <li>4573-0 Grey</li> </ul>

<b>GLOSS</b>	<b>60°</b>	>80%
<b>Glossy</b>	<b>85°</b>	>90%
The value is measured based on the white. The value may vary according to the chosen colour.		

STANDARDS	
<b>CGSB</b>	Type 1GP, 159,61
<b>CFIA</b>	Approved product

<p><b>SURFACE PREPARATION</b></p> <p>The surface must be dry and clean, without dust, oil, grease, rust and soap. On painted surfaces, it is recommended to clean with a degreaser (T.S.P.) in order to eliminate any contaminant that may harm the adhesion or the curing of the product. Thoroughly rinse the entire surface. Glossy surfaces must be well sanded and dusted.</p> <p><b>Rusted metal :</b> Remove rust and flaking paint with a steel brush, a scraper or an emery paper. It is always recommended to clean the surface with a metal rust remover to improve rust inhibition.</p> <p><b>Interior ferrous metal:</b> Remove all traces of oxidation (rust), then clean with <b>Metal Plus 467</b>, metal conditioner.</p>	<p><b>RECOMMENDED PRIMER</b></p> <p><b>Aluminum, galvanized metal, and interior ferrous metal:</b> Apply a coat of <b>Adhero Plus 290</b>.</p> <p><b>Outdoor ferrous metal:</b> Apply a coat of <b>ISO-RUST 4350</b> Grey or <b>4370</b> Steel Red.</p> <p><b>Latex paint:</b> No primer is required.</p> <p><b>Alkyd paint:</b> No primer is required.</p> <p><i>If the surface to be primed is not mentioned, please contact an MF Paints distributor for further recommendations.</i></p>
<p><b>APPLICATION</b></p> <p>This product is ready to be used and does not require dilution. Mix well before use. Apply one coat or two if necessary. Allow a minimum drying time of 18 hours between each coat for pale colours and 24 hours for dark colours. In order to properly cover the surface, it is recommended to use a 10mm lint free roller and a quality nylon-polyester brush. Clean the brushes and rollers with mineral spirit (MF-SOL 450) following their use.</p> <p><b>For spray application :</b> Dilute with a maximum of 10% water.</p> <p><b>Pressure :</b> 2000 to 2500 lb/in<sup>2</sup>*</p> <p><b>Nozzle :</b> 0.015 – 0.019*</p> <p><i>*This data may vary depending on the brand of the equipment manufacturer.</i></p>	<p><b>MAINTENANCE</b></p> <p>Allow a 7 day drying time before proceeding with a first cleaning. Only use mild, nonabrasive cleaners and a soft cloth. Clean the surface using a light, circular motion.</p> <p><b>STORAGE</b></p> <p>Store the paint in a dry area and maintain temperature between 10°C and 30°C.</p>

<p><b>WARRANTY</b></p> <p>This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.</p>	<p><b>CAUTION</b></p> <ul style="list-style-type: none"> <li>• Keep away from children's reach</li> <li>• Keep away from flames and sparks</li> <li>• Keep lid closed when not in use</li> <li>• Maintain a good ventilation when applying</li> <li>• Store in a dry place between 10-30°C</li> </ul>
---	---

***" Contact your municipality to dispose of the container in an environmentally-friendly manner "***