



TECHNICAL DATA SHEET



4740 SERIES

DTM Anti-Rust Paint

Satin fast-dry

100% acrylic

DESCRIPTION

Our **Metal Plus 4740** is the next generation of high quality 100% acrylic water-based paint developed for direct to metal application (DTM). This fast-dry paint provides a satin finish. Designed specifically to adhere to all well-prepared metal surfaces, for indoor and outdoor use. It is formulated to protect metal from weathering. It was developed to answer the needs of professional painters. **Metal Plus 4740** can be used for commercial, industrial and residential projects.

USE	LIMITATIONS
This paint is applicable on interior and exterior metal surfaces. Metal Plus 4740 must be applied to surfaces that have been well prepared and properly primed. It is recommended for metal surfaces such as, doors, windows, fences, roofs (8-12 slope), siding, furniture, equipment, machinery, steel containers and ornamental iron.	Avoid application in all temperatures under 10°C Do not store at temperatures above 30°C Do not apply under direct sunlight Do not use on flooring Do not tint 4740-0 white Do not apply the tinted bases directly over ferrous metal Wait 7 days before proceeding with the first cleaning Do not mix with other paints Roof slope should not allow ponding water and ice to remain on coated surfaces.

CHARACTERISTICS	TECHNICAL INFORMATION														
<ul style="list-style-type: none"> The excellent adhesion properties offered by Metal Plus 4740 allow it to be applied on nearly all types of ferrous and non-ferrous metals (view SURFACE PREPARATION and RECOMMENDED PRIMER sections). Its hydrophobic and waterproof properties make it a high-performance product for outdoor use. Due to its excellent flexibility, Metal Plus 4740 is very resistant to weathering. It contains corrosion inhibitors that considerably slow down the formation of rust. 	<table border="1"> <thead> <tr> <th rowspan="2">DRYING TIME</th> <th>Recoat:</th> <th>To touch:</th> <th colspan="2">Exterior:</th> </tr> <tr> <td>4-6 hours</td> <td>1 hour</td> <th>Bases 0-1-2</th> <th>Bases 4-5</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>Plan for dry weather 8 hours after application</td> <td>Plan for dry weather 24 hours after application</td> </tr> </tbody> </table> <p>At 25° Celsius Relative humidity at 50% May differ depending on the colour</p> <p>SURFACE COVERAGE (for 3.78 L) 28 - 37 m² (300 - 400 ft²) May vary depending on the surface porosity</p> <p>Recommended film thickness Wet : 4.0 - 5.50 mils Dry : 1.5 - 2.0 mils</p> <p>Cleaning Soapy water</p> <p>Resin 100% latex acrylic</p> <p>Thinner Water</p> <p>Inflammability No</p> <p>Flash point N/A</p> <p>% of solids by weight 50%</p> <p>% of solids by volume 38%</p> <p>VOC <250 g/L</p> <p>GLOSS 60° 35-45% Semi-gloss 85° 50-60% The value is measured based on the white. The value may vary according to the chosen</p>	DRYING TIME	Recoat:	To touch:	Exterior:		4-6 hours	1 hour	Bases 0-1-2	Bases 4-5				Plan for dry weather 8 hours after application	Plan for dry weather 24 hours after application
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	TINTING BASES			FORMAT	
	946 ml	3,78 L	18,9 L		
4740-0 White	X	X			
4740-1 P Base	X	X			max. of 2 oz of colorant / 3,78 L
4740-2 M Base	X	X			max. of 5 oz of colorant / 3,78 L
4740-4 D Base	X	X			max. of 8 oz of colorant / 3,78 L
4740-5 A Base	X	X			max. of 12 oz of colorant / 3,78 L

SURFACE PREPARATION	RECOMMENDED PRIMER	
<p>The surface must be dry and clean, without dust, oil, grease, soap or any other contaminant. Mechanical scraping and brushing are necessary to remove all traces of rust and corrosion. On previously painted surfaces, remove paint showing signs of poor adhesion. Roughen smooth and/or glossy surfaces. Dust well. For ferrous metals with hard to reach areas, clean with the metal conditioner 467.</p> <p>Previously painted surfaces: Clean the surface with a cleaner / degreaser (SSPC-SP1), then rub the surface with a mechanical (SSPC-SP2) or electrical (SSPC-SP3) tool to remove any rust, corrosion, scale and any paint showing weak and / or precarious adhesion.</p> <p>Aluminum: Clean the surface with a cleaner / degreaser (SSPC-SP1), then use the metal conditioner 467 . Rinse thoroughly between each step.</p> <p>Ferrous metal: Clean the surface with a cleaner / degreaser (SSPC-SP1)), then rub the surface with a mechanical (SSPC-SP2) or electrical (SSPC-SP3) tool to remove any rust, corrosion, scale and calamine.</p> <p>Galvanized steel: Clean the surface with a cleaner / degreaser (SSPC-SP1)), then rub the surface with a mechanical tool (SSPC-SP2) to obtain a surface profile of 1 mil. Apply on bare metal the same day.</p>	<p>Non-Ferrous Metal: Apply the Metal Plus H2O 4700 series directly on the surface.</p> <p>Ferrous Metal: Apply a first coat of Metal Plus H2O 4700 white, followed by one or two coats of the colour of your choice.</p> <p><i>If the surface to be primed is not mentioned, please contact an MF Paints distributor for further recommendations.</i></p>	
APPLICATION	MAINTENANCE	
<p>This product is ready to be used and does not require dilution. Mix well before use.</p> <p>Ferrous metal: Preferably, two coats should be applied to obtain a better protection and a uniform finish.</p> <p>Non-ferrous metal: The application of one coat is sufficient to protect the surface, however a second coat will provide a better resistance.</p> <p>Allow a minimum drying time of 4 hours between each coat for pale colours and 6 hours for dark colours. In order to properly cover the surface, it is recommended to use a 10mm lint free roller and a quality synthetic brush. Clean the brushes and rollers with water following their use.</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> <th data-bbox="857 1276 1541 1312">STORAGE</th> <p>Store the paint in a dry area and maintain temperature between 10°C and 30°C.</p>	STORAGE

WARRANTY	CAUTION
<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>	<ul style="list-style-type: none"> • Keep away from children's reach • Keep lid closed when not in use • Avoid freezing • Store in a dry place between 10-30°C

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