



TECHNICAL DATA SHEET

METAL PLUS 4800 SERIES

DTM Anti-Rust Paint
Glossy fast-dry
Urethane

DESCRIPTION

Our **Metal Plus 4800** is a fast-dry direct to metal (DTM) solvent base corrosion resistant coating. This coating dries quickly to a glossy finish for an interior and exterior application. **Metal Plus 4800** is specifically formulated to be applied on most metallic surfaces and protect them from weathering. It was developed to answer the needs of professional painters. This coating can be used for commercial, industrial and residential projects.

USE	LIMITATIONS
This coating is applicable on interior and exterior metal surfaces. Metal Plus 4800 must be applied to surfaces that have been well prepared and properly primed. It is recommended for metal surfaces such as agricultural machinery, truck dump bodies, trailers, steel containers and ornamental iron. Its glossy finish allows for easy cleaning while offering exceptional resistance. Only the 844 industrial colorants can be used for tinting the bases.	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 Recoat before 24 hours after application or after 10 days. To avoid application window, catalyze 8 to 1 with 48CAT. Must be diluted by 10% with the 453 thinner. Only the 844 industrial colorants can be used for tinting Do not mix with other paints

CHARACTERISTICS	TECHNICAL INFORMATION				
<ul style="list-style-type: none"> · Metal Plus 4800 is dry to touch after only 45 to 60 minutes and is dry in depth after 24 hours. · Can be applied directly to metal. · When catalyzed, it provides excellent gloss and color retention as well as better weather resistance to various weather conditions. 	DRYING TIME	To touch:	Handle	Recoat	Hard
		45-60 minutes	2 - 3 hours	30 minutes, before 24 hours	24 - 48 hours
At 25° Celsius , Relative humidity at 50%					
May differ depending on the colour					
SURFACE COVERAGE (for 3.78 L)		25 - 35 m ² (250 - 380 ft ²) May vary depending on the surface porosity			
Recommended film thickness		Wet : 4.5 - 6.75 mils Dry : 2.0 -3.0 mils			
Cleaning		Solvent 425			
Resin		Solvent			
Thinner		Thinner 453			
Inflammability		Oui			
Flash point		N/A			
% of solids by weight		50%			
% of solids by volume		45%			
VOC		<380 g/L			
GLOSS Semi-gloss		60° 90-95% 85° N/A The value is measured based on the white. The value may vary according to the chosen			

Colours		FORMAT		
		3.78L		
4800-12	White Base	X	max. of 4 oz of colorant / 3,78 L	
4800-45	Clear Base	X	max. of 12 oz of colorant / 3,78 L	
4800	White	X	4845	Deep Blue
4810	Safety Yellow	X	4855	Aluminium
4812	Bright Yellow	X	4860	John Deer Green
4815	Caterpillar Yel.	X	4873	Grey
4820	Safety Red	X	4875	Kubota Orange
4825	Fireman Red	X	4890	Deep Black
4840	Safety Blue	X		

SURFACE PREPARATION

The surface must be clean, dry and free from contaminant, remove any scaled paint. Glossy surfaces must be sanded.

NEW METAL OR REVAMPED METAL: First apply the **metal conditioner 467**, followed by 2 coats of **4800 series**.

If the surface has been sandblasted, apply **METAL PLUS 4950** primer and 2 coats of **4800 series**. Use an appropriate primer for aluminum.

Galvanised aluminum and stainless steel: Use the **9100 system DTM Epoxy Mastic**. If the **9100** is not recoated within 72 hours, sanding will be required.

APPLICATION

MIX THOROUGHLY BEFORE USING. Can be applied by brush, roller or spray methods. Spray gun: Must be diluted 10 % to 15 % with **453 thinner**. Brush and/or roller: Must be diluted 5% to 10 % with **453 thinner**. If used with urethane catalyst **48CAT**, add 10 % catalyst and 10 % thinner. During the application of this product, the ambient air, the surface and the product temperature must be between 15°C and 32°C.

For spray application

Conventional spray:

Fluid nozzle: E fluid tip
Air cap: 765 E tip
Fluid pressure: 45 to 55 lbs

Airless spray :

Pump ratio: 30:1
Fluid pressure: 900 to 1500 psi
Tip size: 09 to 13 orifices

Air assisted airless :

Pump ratio: 20:1
Fluid pressure: 800 to 1400 psi
Atomizing air: 20 lbs
Tip size: 09 to 13 orifices.

WARANTY

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.

CAUTION

- Keep away from children's reach
- Keep lid closed when not in use
- Avoid freezing
- Keep away from open flames and sparks
- Use only in a well ventilated area
- Flammable

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