



METAL PLUS

Flat Black
Fast-drying rust-proof
Interior / Exterior

Technical Data Sheet



4899

DESCRIPTION

METAL PLUS 4899 is a low VOC rust preventive coating. This product is designed for use on metal equipment, steel structures, machinery, steel tanks, ornamental iron, fences, furniture as well as corrugated roofing material. It offers a fast drying time and it can be applied directly to metal (DTM).

CHARACTERISTICS		TECHNICAL INFORMATION			
<p>Fast drying METAL PLUS is dry to touch after only 45 to 60 minutes and is dry in depth after 24 hours.</p> <p>DTM Can be applied directly to metal.</p> <p>Can be catalyzed When catalyzed, it provides excellent gloss and colour retention as well as better resistance to various weather conditions.</p>		<p>Drying time: From 20°C / 68°F at 50% H.R.</p>	<p>To touch: 45 to 60 minutes</p>	<p>Handling: 2 to 3 hours</p>	<p>In depth: 24 hours</p>
		Pot life		2 hours (if catalysed)	
		Theoretical Surface coverage		300 – 420 sq. Ft / gallon 28 - 39 m ² / litre Varies according to the porosity of the surface	
FORMATS		Recommended Film thickness (dry)		2.5 -3.5 E.F.S.	
		3.78L	18.9L	Cleaning	
4899		X	X	Solvent	
COLOURS		Catalyst		48CAT	
4899	Flat black	% of solids by weight		45 ± 2%	
		% of solids by volume		28 ± 2%	
USAGE		Density		1.01 -1.1 Kg /L	
- For interior or exterior use.		VOC		<400 G /L	
- Can be applied on new and/or painted surfaces.		GLOSS			
- Recommended for equipment, metal structures, machinery, steel tanks, ornamental iron, fences, furniture and tin roofing.		Flat		60°	7-10%
		LIMITATIONS			
		- 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.			

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**, then 2 coats of **4800 series**. After the surface has been sandblasted, apply **METAL PLUS 4950** primer and 2 coats of **4800 series**.

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. When catalysed, the sheen goes up to a semi gloss. During the application of this product, the ambient air, the surface and the product temperature must be between 15°C and 32°C.

IMPORTANT

For more safety information about this product, please refer to the Safety Data Sheet.

WARRANTY	CAUTION
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.	<ul style="list-style-type: none">- Keep away from children's reach- Flash point between 4°C and 20°C- Inflammable- Keep away from open flames or sparks.

Dispose of the container in an environmentally-friendly manner.