



EPOXY PLUS 3100 SERIES

Satin
Epoxy-acrylic

TECHNICAL DATA SHEET

DESCRIPTION

Our **Epoxy Plus 3100** satin finish is an epoxy-acrylic paint, with added silicone, of superior quality for indoor and outdoor use. It is easy to apply, without spattering and dries quickly. The **Epoxy Plus 3100** can be used for commercial, industrial and residential projects.

USE	LIMITATIONS
This paint is applicable on interior and exterior surfaces. Epoxy Plus 3100 must be applied to surfaces that have been well prepared and properly primed. It is recommended for cement walls, concrete blocks or drywall exposed to frequent marking and washing. Its satin finish allows easy cleaning while offering exceptional resistance, allowing the Epoxy Plus 3100 to be applied in high traffic areas requiring frequent cleaning.	Avoid application in all temperatures under 10°C Do not apply under direct sunlight Do not use on flooring Wait 15 days before proceeding with the first cleaning Do not mix with other paints On vinyl siding, do not use a darker colour than the original in order to prevent deformation of the material.

CHARACTERISTICS	TECHNICAL INFORMATION												
<ul style="list-style-type: none"> Epoxy Plus 3100 clings to well-prepared surfaces without the need for a primer (view SURFACE PREPARATION and RECOMMENDED PRIMER sections). It reaches its full cure only 15 days after application. During the work, minimal protection is required for baseboards and flooring. It is made with a fungicide that will delay the growth of mold. Using the latest self-crosslink technology, Epoxy Plus 3100 provides increased and superior durability compared to conventional paints. Exceptional leveling results in better opacity and a very smooth, smooth finish. Once cured, Epoxy Plus 3100 offers excellent resistance to cleaning products. 	<table border="1"> <tr> <td rowspan="2">DRYING TIME</td> <td>Recoat:</td> <td>To touch:</td> <td colspan="2">Exterior:</td> </tr> <tr> <td>3-6 hours</td> <td>30 minutes</td> <td>Bases 0,1 & 2 Plan for dry weather 12 hours after application</td> <td>Bases 4 & 5 : Plan for dry weather 36 hours after application</td> </tr> </table>	DRYING TIME	Recoat:	To touch:	Exterior:		3-6 hours	30 minutes	Bases 0,1 & 2 Plan for dry weather 12 hours after application	Bases 4 & 5 : Plan for dry weather 36 hours after application	At 25° Celsius Relative humidity at 50% May differ depending on the colour		
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	3-6 hours	30 minutes	Bases 0,1 & 2 Plan for dry weather 12 hours after application	Bases 4 & 5 : Plan for dry weather 36 hours after application									
	SURFACE COVERAGE (for 3.78 L)	42 - 51 m ² (450 - 550 ft ²) May vary depending on the surface porosity											
	Recommended film thickness	Wet : 2.9 - 3.6 mils Dry : 1.02 - 1.24 mils											
	Cleaning	Lukewarm soapy water											
	Resin	Epoxy-acrylic											
	Thinner	Water											
	Inflammability	N/A											
	Flash point	N/A											
	% of solids by weight	48%											
	% of solids by volume	35%											
	VOC	<150 g/L											
	GLOSS Satin	60° 5 - 8% 85° 11 - 14% The value is measured based on the white. The value may vary according to the chosen colour.											

TINTING BASES				
	946 ml	3,78 L	18,9 L	
3100-0 White	X	X		
3100-1 P Base	X	X	X	max. of 2 oz of colorant / 3,78 L
3100-2 M Base	X	X		max. of 5 oz of colorant / 3,78 L
3100-4 D Base	X	X		max. of 8 oz of colorant / 3,78 L
3100-5 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, 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. The surfaces must be well sanded and dusted.</p> <p>Presence of mold: Clean the affected area with a mixture of 1 part bleach to 3 parts water. Thoroughly rinse the entire surface.</p> <p>Flaking or peeling paint: Using a scraper, remove the weakened and/or loose paint, then sand the edges of the surface to make it smooth. A repair compound must be used to fill holes and uneven surfaces. Sand with a #100 grit sandpaper.</p> <p>New drywall : In order to avoid creating an undesirable texture on the drywall, the joint compound must not be sanded excessively.</p> <p>Concrete/Masonry: Wait until the concrete and/or masonry has cured at least 30 days before painting it.</p> <p>Aluminum, galvanized metal, and interior ferrous metal: Remove all traces of oxidation (rust), then clean with Metal Plus 467, metal conditioner.</p> <p>Wood: The surface must be sanded with a #80 or #100 grit sandpaper to smoothen the surface.</p> <p>New or treated wood having been exposed to bad weather: It is strongly recommended that any apparent or undesirable mold growth be neutralized in order to prevent peeling. Use a mixture of 1 part bleach to 3 parts water, let stand for 20 minutes to take effect, then rinse and allow the wood to dry for at least 24 hours.</p>	<p>Drywall: Use primer; Proline 6070 or Proline Eco 7070.</p> <p>Concrete blocks/rough brick: Apply the Proline 6006 block filler to level the surface or apply the Epoxy Plus 3100 directly.</p> <p>New Concrete: Apply the Epoxy Plus 3100 directly onto the surface.</p> <p>New wood: Use the Portico 270.</p> <p>Pine knots: Seal the pine knots with the Stop Plus 298.</p> <p>Red cedar and redwood: Apply one to two coats of Block Plus 296 alkyd based.</p> <p>Aluminum, galvanized metal, and interior ferrous metal: Apply a coat of Adhero Plus 290.</p> <p>Latex paint: No primer is required.</p> <p>Alkyd paint: Apply an undercoat of Adhero Plus 290*.</p> <p>Dark colours: Some dark colours may require the application of a dark tinted primer in order to improve opacity. Use Proline products 6070-2 and 6070-4 or Adhero Plus 290-2 and 290-4, available in more than 30 colours.</p> <p><i>If the surface to be primed is not mentioned, please contact an MF Paints distributor for further recommendations.</i></p> <p><i>* See limitations for Adhero Plus 290.</i></p>
<p>APPLICATION</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 4 hours between each coat for pale colours and 8 hours for dark colours. In order to properly cover the surface, it is recommended to use a 15mm lint free roller and a quality nylon-polyester brush. Clean the brushes and rollers with lukewarm soapy water following their use.</p> <p>For spray application : Dilute with a maximum of 10% water.</p> <p>Pressure : 2000 to 2500 lb/in²*</p> <p>Nozzle : 0.015 – 0.019*</p> <p><i>*This data may vary depending on the brand of the equipment manufacturer.</i></p>	<p>MAINTENANCE</p> <p>Allow a 15 day drying time before proceeding with a first cleaning. Only use mild, non-abrasive cleaners and a soft cloth. Clean the surface using a light, circular motion.</p> <p>STORAGE</p> <p>Store the paint in a dry area and maintain temperature between 10°C and 30°C.</p>

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

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