



SUMMUM

formerly
EPOXY PLUS

3100 SERIES

Satin

100 % acrylic

Epoxy fortified



TECHNICAL DATA SHEET

DESCRIPTION

Summum 3100 satin finish is a Zero VOC 100% acrylic paint fortified with siliconized epoxy, of superior quality for indoor and outdoor use. It is easy to apply, without spattering and dries quickly. **Summum 3100** can be used for commercial, institutional and residential

USE	LIMITATIONS
This paint is applicable on interior and exterior surfaces. Summum 3100 must be applied to surfaces that have been well prepared and properly primed. It is recommended for drywall, wood, cement walls as well as concrete blocks, wood (see LIMITATIONS), aluminum, pre-painted steel, galvanized steel, and vinyl (see RECOMMENDED PRIMER). Its addition of siliconised epoxy offers exceptional resistance allowing easy cleaning in high traffic areas.	Avoid application in all temperatures under 10°C Do not use on flooring Wait 15 days before proceeding with the first cleaning Do not mix with other paints To prevent warping of vinyl siding, do not use a colour darker than the original. Interior wood surfaces only.

CHARACTERISTICS	TECHNICAL INFORMATION																											
<ul style="list-style-type: none"> Ideal for LEED projects or any other projects that require Zero VOC paints. Exceptional levelling and very smooth finish. Offer excellent resistance to cleaning products. Reaches its full cure only 15 days after application. Clings to well-prepared surfaces without the need for a primer (view SURFACE PREPARATION and RECOMMENDED PRIMER). Delay the growth of mould. Uses the latest self-cross link technology Provides superior durability compared to conventional paints. 	<table border="1"> <tr> <td rowspan="2">DRYING TIME</td> <td>Recoat:</td> <td>To touch</td> </tr> <tr> <td>3-6 hours</td> <td>30 minutes</td> </tr> </table> <p><i>At 25° Celsius Relative humidity at 50% May differ depending on the colour</i></p> <table border="1"> <tr> <td>SURFACE COVERAGE (for 3.78 L)</td> <td>42 - 51 m² (450 - 550 ft²) May vary depending on the surface porosity</td> </tr> <tr> <td>Recommended film thickness</td> <td>Wet : 2.9 - 3.6 mils Dry : 1.02 - 1.24 mils</td> </tr> <tr> <td>Cleaning</td> <td>Lukewarm soapy water</td> </tr> <tr> <td>Resin</td> <td>100% acrylic epoxy fortified</td> </tr> <tr> <td>Thinner</td> <td>Water</td> </tr> <tr> <td>Inflammability</td> <td>N/A</td> </tr> <tr> <td>Flash point</td> <td>N/A</td> </tr> <tr> <td>% of solids by weight</td> <td>48%</td> </tr> <tr> <td>% of solids by volume</td> <td>35%</td> </tr> <tr> <td>VOC (bases 0-3-2)</td> <td>Zero VOC</td> </tr> <tr> <td>VOC (bases 4-5)</td> <td><150 g/L</td> </tr> </table>	DRYING TIME	Recoat:	To touch	3-6 hours	30 minutes	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	100% acrylic epoxy fortified	Thinner	Water	Inflammability	N/A	Flash point	N/A	% of solids by weight	48%	% of solids by volume	35%	VOC (bases 0-3-2)	Zero VOC	VOC (bases 4-5)	<150 g/L
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TINTING BASES

		946 ml	3,78 L	18,9 L	
3100-0	White	X	X		
3100-3	Natural White	X	X	X	max. of 3,5 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

GLOSS	60°	5 - 8%
	85°	11 - 14%

The value is measured based on the white. The value may vary according to the chosen colour.

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 mould: 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>Interior wood: The surface must be sanded with a #80 or #100 grit sandpaper to smoothen the surface.</p>	<p>Drywall: Use primer; Proline 6070 or Proline Eco 7070.</p> <p>Concrete blocks/rough brick: Apply Proline 6006 block filler to level the surface or apply Summum 3100 directly.</p> <p>New Concrete: Apply Summum 3100 directly onto the surface.</p> <p>New interior wood: Use Portico 270.</p> <p>Pine knots: Seal the pine knots with 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 or Adhero Hybrid 297.</p> <p>Latex paint: No primer is required.</p> <p>Alkyd paint: Apply an undercoat of Adhero Hybrid 297.</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>
APPLICATION	MAINTENANCE
<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 3 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 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>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>
	STORAGE
	<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 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 "