



# SUMMUM

# 3100

Satin

100% Acrylic

Fortified with Epoxy



## TECHNICAL DATA SHEET

### DESCRIPTION

Summum 3100 is a zero VOC, high quality paint, and 100% acrylic fortified with epoxy. The Summum 3100 is a satin finish designed for vertical surface application. This paint is easy to apply, does not spatter and dries quickly. Summum 3100 can be used for industrial, commercial, and residential projects.

### USE

Summum 3100 should be applied to properly prepared and primed surface. It is recommended for drywall, cement or concrete block and wood (see LIMITATIONS), also for aluminum, pre-painted steel, galvanized metal and vinyl (See RECOMMENDED PRIMERS). The silicone epoxy provides the exceptional scrub resistance and easy cleaning in high traffic areas.

### ADVANTAGES

- Perfect for LEED projects or any project requiring Zero VOC paint.
- Exceptional leveling and smooth finish.
- High resistance to domestic cleaning product
- Prevent against mold growth
- Self-crosslinking technology.
- Durability superior to conventional paints.

### LIMITATIONS

- Avoid application at temperatures below 10 ° C
- Do not use on floors
- Do not mix with other paints
- Not recommended on exterior wood surface
- Not designed to seal new wood that may bleed such as: (cedar, redwood, plywood, recomposed and glued wood, exotic wood or any other wood that can bleed) (see Recommended Primers)
- To prevent warping of exterior vinyl siding, do not use darker color than the original one

### TECHNICAL DATA

<b>Resin</b>	Acrylic and Epoxy fortified		
<b>Color</b>	White and Tinted Bases		
<b>Solvent</b>	Water		
<b>Flash Point</b>	N/A		
<b>Inflammability</b>	N/A		
<b>Solids by weight</b>	48	%	
<b>Solids by volume</b>	35	%	
<b>VOC</b>	zero	g/l	
<b>Gloss</b>	60°	5,0-8,0	%
<b>Sheen</b>	85°	11-14	%

The value is measured from the white. It may vary depending on the color

### APPLICATION DATA

<b>*At 25° Celsius</b>			
Relative humidity at 50%			
May differ depending on the colour			
<b>Spreading Rate</b>		42-51 m <sup>2</sup>	
May vary depending on the surface porosity		(450-550pt <sup>2</sup> )	gallon
<b>Film Thickness</b>	Wet	2,9-3,6	mils
	Dry	1,02-1,24	mils
<b>Drying Time*</b>	Tack free	30	min
	Recoat	3-6	hours
	Cleaning	30	days
	Final cure	30	days
<b>Application</b>	Brush	√	
	Roller	10	mm
	Spray airless (Tip 0,015-0,019)*	2000-2500	lb/sqin
*This data may vary depending on the equipment of a manufacturer			
<b>Exterior application and condition</b>		N/A	
<b>Storage</b>	Temperature between	10 et 30	°C
<b>Tinted Based</b>	<b>Format</b>		
	946ML	3,78L	18,9L
3100-0 White	√	√	
3100-3 Natural White	√	√	√
3100-2 White M	√	√	
3100-4 Base D	√	√	
3100-5 Base A	√	√	
			max. 3,5 oz of colorant/3,78 L
			max. 5 oz of colorant/3,78 L
			max. 8 oz of colorant/3,78 L
			max. 12 oz of colorant/3,78 L



## SURFACE PREPARATION

**The surface should be dry and clean**, free from dust, oil, grease, rust and soap. On painted surface, it is recommended to clean with a degreaser (TSP) in order to remove contamination that could affect the adhesion and/or the cure of the product. Rinse the entire surface with clean water let it dry then sand it and clean the dust.

**Presence of mold:** Clean the affected surface with a mixture of 1 part bleach to 3 parts of water. Rinse it and let it dry.

**Peeling:** Remove mechanically the weakened paint, then sand the surface to make it even. A repair compound should be used to fill holes and uneven surfaces. Sand with # 150 grit sandpaper.

**New Drywall:** To avoid creating an unwanted texture on the drywall, joint compound should not be sanded excessively.

**Concrete / Masonry:** Allow concrete / masonry to cure at least 30 days before painting.

**Aluminum, galvanized and interior ferrous metal:** Remove mechanically the oxidation (rust), then clean with the 467, Conditioner for metal.

**Wood:** The surface should be sanded with # 80 or # 100 grit sandpaper to improve adhesion.

## RECOMMENDED PRIMERS

**New Drywall:** Apply Proline Eco 7070

**Concrete/block / rough brick:** Apply Proline 6006 Block Filler to seal and level the texture of the concrete blocks or apply Summum 3100 directly.

**Wood without bleeding:** Apply Protico 270 or apply Summum 3100 directly

**Wood with bleeding** such as (cedar, redwood, exotic, plywood, recomposed and glued wood and any wood with bleeding): Apply one to two coats of Block Plus 296 alkyd-based.

**WARNING: WOOD IS A NATURAL MATERIAL AND ALTHOUGH IT IS TREATED, BLEEDING MAY RECAP OVER TIME.**

**Pine knots:** Seal pine knots with Stop Plus 298.

**Aluminum, galvanized metal:** Adhero Plus 290

**Interior metal ferrous not rusted:** Adhero Plus 297

**Latex paint:** No primer is required.

**Alkyd paint:** one coat of Adhero Hybrid 297.

**Dark Colours:** Some dark colors may require the application of a primer tinted in a dark color to improve opacity. Use the products Proline 6070-2 and 6070-4 or the Adhero Plus 290-2 and 290-4

## APPLICATION

This product is ready to use and does not require dilution. Mix well before use. Apply two coats of paint. Allow 3 hours drying time between coats for light colors and 6 hours for dark colors. In order to properly cover the surface, it is recommended to use a 10 mm lint free roller and a quality nylon-polyester brush. Clean rollers and brushes with warm soapy water after using them.

**For spray application:** Maybe diluted with a maximum of 10% water.

**Pressure:** 2000 to 2500 lb/sqin\*

**Nozzle:** 0.015 – 0.019\*

\*This data may vary depending on the brand of the equipment manufacturer.

## MAINTENANCE

The paint requires a minimum drying time of 30 days before proceeding with a first cleaning. Use only mild cleaners, without abrasives, and a soft cloth. Clean the surface with a light and circular movement.

## WARRANTY

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

**CONTACT YOUR MUNICIPALITY TO DISPOSE OF THE CONTAINER IN AN ENVIRONMENTALLY-FRIENDLY MANNER.**