

TECHNICAL INFORMATION

SATIN LATEX

LATEX SATINADO

502-03100-000



DESCRIPTION

SATIN LATEX 3100 is a paint improved with nanoparticles, which generate impermeability in the substrate, making it more difficult for water to penetrating it. It has a high leveling and excellent hiding power.

USE

It can be applied indoors and outdoors on concrete surfaces, lightweight material such as drywall, gypsum, fiber cement or wood.

Structure	Walls, eaves, ceilings, doors, Structural elements (column, trusses, etc.)
Exterior/Interior	Indoor, Outdoor, Roofed Exterior walls
Surface	Painted surfaces, fiberboard, gypsum, suspended ceilings, fiber cement, wood, plastered surfaces, bare concrete.
Product line	Arquitectural

CHARACTERISTICS

ASSESSMENT

Finish	SATIN
Hiding Power	● ● ●
Outdoor Resistance	● ● ● ●
Elasticity	● ● ● ●

PHYSICAL PROPERTY

DATA

Weight solids (%)	55 - 57
Weight per Gallon (kg/gal)	4.95 - 5.05
Volume Solids (%)	44 - 46
Stormer Krebs Viscosity (Ku)	100 - 110
Theoretical Yield (m ² /Gallon)	67m ² @ 1 mil

Definition of theoretical yield: Maximum surface that can be covered with a painting under ideal conditions. The practical performance varies depending on the type of surface used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

These data were measured in white paint, other colors may show a slight variation, mainly in VOC's percentage.

In some intense colors, this coating's yield may vary, as it increases the number of layers to apply.

Note: values expressed in a 1 to 5 scale, where 5 is better.

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation or compatibility of used products; therefore, can only guarantee this product's quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission or inaccuracy in it.

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PRESENTATION

AVAILABLE PRESENTATIONS

1/4 gal metal can (0.946 lt)
1 gal metal can (3.785 lt)
5 Gallon plastic bucket (18.925 lt)

AVAILABLE COLORS

Available in every color of our SURMIX tinting system.

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface Cleaning

Before applying, remove any dirt, such as dust, grease or other contaminants, as this will affect the adhesion or performance of the finish.
Remove badly adhered paint with the appropriate tools, and smooth out irregularities (steps) left by old coat of paints.

Concrete

All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean.
Apply a coat of **White Sealant 522-000** and cover with this finish.

Gypsum board

Plaster the surface, sand and thoroughly clean residual dust with a clean microfiber cloth.
Apply 1 coat of **White Sealant 522-000** (diluted with 20 to 25% water to improve surface infiltration, let dry and apply this finish.

Dry Wall and Fiber cement

Dust thoroughly and apply a coat of **White Sealant 522-000**.
Apply this finish.

Wood

On old nail holes or hairline cracks, repair with **Wood Putty 800-*****, sand and dust thoroughly, then apply a coat of **UNIVERSAL SEALANT 530-000** and apply this finish.

Mildew

Apply Antifungal Solution 334-900, let on the surface for some 20 minutes. Rinse with enough clean water and scrub the area.
Where washing is not possible, apply **NIT CLINICAL DISINFECTANT CLEANER 4 33260-600**, scrub with a microfiber cloth, apply again and let dry on the surface.
After cleaning, be sure the surface is thoroughly dry before applying a coat of **Sealant 522-000** and this finish.

Micro cracks, fissures and cracks in masonry or concrete

Micro-fissures (0.1 mm a 0.5 mm): Cover with an elastomeric finish.
Small Cracks (0.6 mm a 2 mm): Repair with **PEGA-PATCH Elastomeric Putty 231-000** and cover with this finish.
Cracks (2 mm a 20 mm): **USE 550 CONCRET ETIBOND** and immediately, "fresh on fresh", apply **REPAIR MORTAR MR-520**.
Let the mortar cure and dry for at least 15 days before applying Sealant 522-000 and this finish.

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Once cracks repaired, use a coat of **Sealant 522-000** and this finish.
Important: For cracks wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service.

Damp masonry or concrete walls

Completely remove all old paint and plaster. Remove fungi as described in "Mildew".
Waterproof the area with **Waterproofing Mortar MI-560** up to 1 meter above the humid area.
Apply a coat of **Sealant 522-000** and this finish.
In more severe humidity cases, contact our Technical Service as indicated below.

Mild concrete dusting

Apply a coat of **Clear Sealant 501-910**, let dry and paint.
Note: Evaluate dusting problem to determine if the surface can be painted or other reparation is required.

Gloss or satin areas





Clean and degrease all surface.
Apply a coat of **Universal Sealant 524-000** to ensure the adherence of any paint, either water or solvent base.
Then apply this finish.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 502-03000-000 – SATIN LATE	100 parts	Stir before use
Diluent: 0 - Water	10 to 15 parts	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

 Airless spray	 Brush	 Roller	 Spray gun (gravity or suction feed)
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Brushing

Use natural or synthetic brushes in good condition and that do not shed their bristles.

Roller application

Microfiber or splatter free felt.
Smooth Surface: 3/8 "or 1/2" felt.
Rough surface: 3/4" felt

Air spray

Nozzle	1.3 mm
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Pressure	35 psi
Airless spray	
Nozzle	# 517
Pressure	1500 psi
Application conditions	
Do not apply on hot surfaces or directly exposed to the sun, paint will evaporate quickly and it will affect leveling, adhesion and durability. Don't paint when humidity is over 85%, or in a rainy day.	
Number of layers and thickness	
Dry Coat Thickness	1 mil
Number of Coats	2 or more
Drying times	
Dry-to-Touch Time	30 minutes
Recoat time	2 hours
Total drying time	5 to 7 days

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% relative humidity). These times are dependent on temperature, moisture, film thickness and dilution.

OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
- ✓ If you'll use more than one container, mix them in advance to correct any color differences.
- ✓ Do not wash a painted surface with abrasive detergents, it is better to use liquid detergent with enough water and a soft sponge.
- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com

HEALTH

- ✓ User may need to wear the appropriate Personal Protective Equipment, which is detailed in the respective Safety Data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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