

DESCRIPTION

ACRILATEX SATINADO is an elastomeric coating with up to 350% elongation (ASTM D 638 Standard), thanks to its specially modified polymer-based formula to provide excellent elasticity. Ideal for controlling mudcracking or microcracks on walls. It has a high antifungal power, is alkali resistant, has very good adhesion, can be used as a sealant and paint, and is also environmentally friendly, because of its low VOCs.

USE

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

STRUCTURE	Eaves, ceilings, Structural Elements (columns, trusses, etc.), walls, fascia boards, doors.
Indoor/Outdoor	Exterior, covered exteriors, interior.
SURFACE	Bare concrete, Fiber cement, Wood, Plastered surfaces, Lightweight board, Gypsum board.

PROPERTIES

SPECIAL PROPERTIES

Hiding Power	● ● ● ● ○
Appearance:	Satin
Elastomeric	Yes
Weather Resistance	● ● ● ● ●
Anti-fungal	● ● ● ● ○

PHYSICAL PROPERTIES	DATA
Weight Solids (%)	58 – 60
Weight per gallon (kg/gal)	4.90 – 5.00
Volume Solids (%)	45 – 48
Stormer Krebs Viscosity (Ku)	100 – 110
Theoretical yield (m ² /gallon)	69 m ² at 1 mil
Specular Gloss at 60° [GU] (ASTM D523-14)	9 – 11

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TECHNICAL INFORMATION

ACRILATEX SATINADO

502-07400-000



VOC (volatile organic compounds) (g/L)	3.99
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Definition of theoretical yield: Maximum surface that can be coated with a paint in ideal conditions. Practical yield varies depending on type of surface, tool used, applicator experience, and other factors. 1 mil = one-thousandth of an inch (0.0254 mm).

The data on this technical sheet are from white paint, with minimal variation in other colors. When inking a base, there may be a slight change in the values, especially in the percentage of VOC.

In some intense colors, this paint's yield may vary, as it increases the number of coats to be applied.

Note: Scale is 1 to 5, where 5 is the best value.

CONTAINERS

AVAILABLE CONTAINERS

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

5-gallon bucket (18.925 Lt.)

AVAILABLE COLORS

Available in the Surmix tinting system.

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface Cleaning

Before applying, remove any dirt, such as dust, grease or other contaminant, as it will affect the adhesion or performance of the finish. Remove poorly adhered old paint with hand or power tools and smooth-out any rough areas or raised spots where old paint was removed.

Gypsum board

Plaster and sand those areas that require it, then wipe off residual dust from the entire surface with a damp microfiber cloth. Then apply a coat of our sealer SELLADOR 522-000. Finally, apply this finish.

Note: In this case, it is important that the sealer be diluted with 20 to 25 % of water for a better penetration into the surface.

Wood:

If there are nail holes or fine cracks, first repair with our wood putty 800-
* ** MASILLA PARA MADERA, sand and clean the area thoroughly, then apply a coat of 530-000 SELLADOR APAREJO UNIVERSAL, wood sealer. Finally, apply this finish.

Surfaces with fungi or algae

On surfaces with fungi, algae or lichens, apply our SOLUCIÓN FUNGICIDA 334-900, let 20 minutes and rinse with plenty of water.

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	<p>In areas that cannot be washed, apply NIT CLINICAL DISINFECTANT CLEANER 4 33260-600, clean with a microfiber cloth and reapply, but this time do not wipe out, let it to dry completely on the surface. After cleaning, ensure surface is completely dry before applying a coat of SELLADOR 522-000. Finally, apply this finish.</p>
Cracks or fissures in masonry or concrete	<p>Micro-cracks (0.1 mm to 0.5 mm): An elastomeric finish is recommended. Hairline cracks (0.6 mm to 2 mm): Repair with our elastomeric putty MASILLA ELASTOMÉRICA PEGA PATCH 231-000. Finally, apply this finish. Cracks (3 mm to 20 mm): Use ETIBOND CONCRET 550, and immediately, "fresh over fresh", apply our mortar MORTERO DE REPARACIÓN MR-520. Allow mortar to cure and dry for at least 15 days before applying a coat of SELLADOR 522-000. Finally, apply this finish. Note: For cracks wider than described, refer to our Virtual Assistant or request an assessment from our Technical Service, who will indicate the appropriate process to follow.</p>
Capillary moisture in masonry	<p>Completely remove all old paint and plaster. If fungus is present, clean as indicated in the section "Surfaces with fungus or algae". Then waterproof the area with our waterproofing mortar MORTERO IMPERMEABILIZANTE MI-560 up to 1 m above the area that appears wet. Then apply a coat of our sealer SELLADOR 522-000. Finally, apply this finish. Note: In severe cases of moisture, ask for an assessment from our Technical Service to advise you with the appropriate process to follow.</p>
Mild dusting	<p>Apply a coat of SELLADOR TRANSPARENTE 501-910 and let dry thoroughly. Finally, apply this finish. Note: The type of dusting should be evaluated to determine if the surface can be painted or requires other repair.</p>
Glossy or satin areas	<p>Thoroughly clean and degrease the entire surface. Apply a coat of our sealer 524-000 SELLADOR UNIVERSAL to ensure adhesion of any water or solvent base paint. Finally, apply this finish.</p>
Concrete:	<p>New areas must be fully cured for 28 days (setting time), dry and clean. Apply a layer of SELLADOR BLANCO 522-000 (white sealer) to the cured surface. Finally, apply this finish.</p>
Lightweight board and fiber cement	<p>Thoroughly clean the entire surface to remove any dust or other contaminants, then apply a coat of SELLADOR 522-000. Finally, apply this finish.</p>

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PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 502-07400-000 ACRILATEX SATINADO	100%	Shake well before use:
Diluent Clean Water	10%-15%	

PRODUCT APPLICATION

APPLICATION TOOLS

BRUSH	Airless equipment	Conventional spray gun (gravity or suction)	Roller
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Brush application

Check that the brush is in good condition and do not detach bristles.

Use natural or synthetic bristles.

Roller application

Felt can be microfiber or drip-proof.

Smooth surface: 3/8" or 1/2" felt.

Rough surface: 3/4" felt.

Application with conventional spray gun

Nozzle size	1.3 mm.
Pressure	35 psi

Application with airless equipment

Nozzle size	0.38 mm (0.015 in) to 0.43 mm (0.017 in)
Pressure	1500 psi

Application conditions

Never apply to surfaces that are at high temperature or directly exposed to solar radiation, as volatile

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paint components will evaporate very quickly, impairing adhesion and durability.

Do not apply this product when relative humidity exceeds 85%, with rain or with certain threat that it will rain in a short time, as it would alter some characteristics of the application or the product's performance.

Number of layers and thickness

DRY THICKNESS PER LAYER (MILS)	1 mil
Number of coats:	Minimum 2

Drying time

Touch-Dry	30 minutes
Drying time to repaint	2 Hours
Total drying time	5 to 7 days after application

These mentioned drying times are under optimal conditions (between 22 – 28 °C temperature and 60 – 80 % relative humidity). These times depend on temperature, humidity, paint film thickness and dilution.

NOTICE:

- ✓ Store this product in its sealed factory container between 20 °C and 30 °C, in a dry, ventilated place, out of the reach of children.
- ✓ If you are using more than one container, it is preferable to mix them earlier.
- ✓ Do not wash a painted surface with abrasive detergents, liquid detergent with plenty of water and soft sponge is best.
- ✓ If you need other information for safe handling of this product, you can visit our website <https://www.gruposur.com/asistencia/>

HEALTH

- ✓ If you need to dispose of empty packages of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose.
- ✓ The user of this product may need the appropriate Personal Protective Equipment, as described in the respective Safety Data Sheet (MSDS), available on our website <https://www.gruposur.com>

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