

TECHNICAL INFORMATION



SELLADOR 501

DUST-PROOF SEALER

503-00501-910

DESCRIPTION

Sellador 501 is a water-based, colorless, antialkaline and environmentally friendly concrete consolidating sealer.

USE

Recommended as a dust proofing for surfaces that suffers from mild dusting, either indoors or outdoors, before applying a water-based or solvent-based finish.

Structure	Eaves, ceilings, Kitchens, Structural elements (columns, trusses, etc.), Walls, bathrooms and enclosures
Exterior/Interior	Outdoors, Roofed outdoors, Indoors
Surface	Concrete, fibercement, bare, plastered, or painted surfaces, plasterboard, gypsum board, painted surfaces.

CHARACTERISTICS

ASSESSMENT

Appearance	Clear
System	Water Base

PHYSICAL PROPERTY

DATA

Weight solids (%)	25 - 27
Weight per Gallon (kg/Gl)	3.9 - 4.0
Volume Solids (%)	24 - 26
Stormer Krebs Viscosity (Ku)	110 - 120
Theoretical Yield (m ² /Gallon)	37 m ² @ 1 mil
Specular Gloss @ 60° (GU)	4.7 (matt)

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 products used; therefore, can only guarantee this product 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail



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Definition of theoretical yield: Maximum surface that a paint can cover in ideal conditions. Practical coverage varies depending on type of surface, tool used, applicator experience and other factors. 1 mil = one thousandth of an inch (0.0254 mm).

PRESENTATION

AVAILABLE PRESENTATIONS

1/4 Gallon

1 Gallon

5 Gallon plastic bucket

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface Cleaning

Before applying the product, remove any dirt, dust, grease or other contamination, as this will affect the adhesion or performance of the finish used. Remove poorly adhered paint with spatula, sandpaper, brooms or compressed air and smooth out uneven spots (steps) where paint was removed.

Mildew

On surfaces with fungi, algae and lichens, apply FUNGICIDE SOLUTION 334-900 and, after 20 minutes rinse with plenty of water.
In areas that cannot be washed, apply NIT CLINICAL DISINFECTANT CLEANER 4 33260-600, wipe with a microfiber cloth and re-apply, but this time do not wipe dry, allow to dry completely on the surface.
After cleaning, make sure the surface is completely dry before applying a coat of this sealant.
Finally coat with the SUR finish of your choice.

SUR concrete

New areas must be fully cured for 28 days (setting period), dry and clean.
Apply a coat of this sealer to the cured surface.
Finally, cover with the SUR finish of your choice.

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Micro-cracks, cracks and cracks Micro-cracks	<p>(0.1 mm to 0.5 mm): Apply a layer of this sealer. Once dry, coat with an elastomeric finish.</p> <p>Fissures (0.6 mm to 2 mm): Fix with Elastomeric Putty PEGA PATCH 231-000. Then apply a coat of this sealant. Finally coat with the SUR finish of your choice.</p> <p>Cracks (3 mm to 20 mm): Use ETIBOND CONCRET 550, immediately, while still fresh, apply MR-520 Repair Mortar. Allow this mortar to cure and dry for at least 15 days before applying a coat of this sealant. Finally coat with SUR finish of your choice.</p> <p>Note: For cracks wider that described here, refer to the Virtual Assistant in our webpage or request an evaluation by our Technical Service, and follow their suggestions.</p>
Mild Dusting Concrete	<p>Use a coat of this sealer, allow to dry well. Finally, cover with a SUR finish of your choice.</p> <p>Note: The surface should be evaluated to evaluate dusting to check if it can be painted or requires another type of repair.</p>

PRODUCT PREPARATION

COMPONENT	MIX RATIO	MIXING INSTRUCTIONS
Product: 503-00501-910, SELLADOR 501	100%	Shake before use
Diluent: 0, Tap Water	150%	Do not more water than recommended

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PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

Brush

Natural or synthetic bristles

Use only good condition brushes that do not shed bristles.

Roller application

Microfiber or anti-dripping felt

Smooth surface: 3/8" or 1/2" Felt

Rough Surface: 3/4" Felt

Air spray application

Nozzle 1.3 mm

Pressure 35 psi

Airless application

Nozzle # 517

Pressure 1500 psi

Application conditions

Never paint over hot surfaces or areas directly exposed to sunlight. Sealer will evaporate too fast and that will affect adhesion and durability.

Do not apply when relative humidity exceeds 85%, under rain or with direct rain threat for the coming hours.

Number of layers and thickness

Dry Coat Thickness 1 mil

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Number of Coats	1
Drying time	
Touch-dry Time	30 minutes
Fully dry	2 to 4 hours

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

OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 22 and 28°C, out of reach of children.
If you use more than one container, mix them in advance to match any possible color differences.
- ✓ Do not use abrasive cleaners on a painted surface. Use only liquid detergents with plenty of water, soft cloth or sponge.
- ✓ If you need more information, check our webpage <http://www.gruposur.com>

HEALTH

- ✓ The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its 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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