

# TECHNICAL INFORMATION

## SELLADOR 522

SEALANT 522



503-00522-000

### DESCRIPTION

SEALANT 522 is a water based sealant whose main characteristic is a high hiding power, which allows to get a better performance with less layers of the final coating. It also isolates the concrete's alkalinity, is environmentally friendly and can be coated with water-based or solvent-based finishes.

### USE

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

<b>Structure</b>	Bathroom, Kitchens, Walls, Structural elements (column, trusses, etc.), Eaves, ceilings.
<b>Exterior/Interior</b>	Indoor, Outdoor, Roofed Exterior walls
<b>Surface</b>	Concrete, Painted Surfaces, drywalls, Gypsum Board, drop ceilings (Mineral Fiber), Fiber cement, plastered surfaces, bare concrete

### CHARACTERISTICS

#### ASSESSMENT

Appearance	White
System	Water base

#### PHYSICAL PROPERTY

#### DATA

Weight solids (%)	56 - 58
Weight per Gallon (kg/gal)	5.4 - 5.5
Volume Solids (%)	35 - 37
Theoretical yield (m <sup>2</sup> /gal)	54 m <sup>2</sup> @ 1 mil

Definition of theoretical yield: Maximum surface that a paint can cover under ideal conditions. Practical performance varies depending on type of surface, tool used, applicator experience and other factors. 1 mil = 0.0254 mm.

### PRESENTATION

#### AVAILABLE PRESENTATIONS

¼ gallon can (0.946 Lt.)  
1 gallon can (3.785 Lt.)  
5 gallon bucket (18.925 Lt.)

#### AVAILABLE COLORS

White 000

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### SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>Surface cleaning</b>	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.
<b>SUR Concrete</b>	All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean. Over the cured surface, apply a coat of this sealant and finish with SUR finish of your choice.
<b>Gypsum board</b>	Plaster the surface, sand and thoroughly clean residual dust with a clean microfiber cloth. Apply a coat of SEALANT 522-000 and cover with SUR finish of your choice. Important: This sealant should be diluted with 20 to 25% of clean water, so it can fully permeate the surface.
<b>Drywall or fiber cement</b>	Thoroughly clean the entire surface to remove any dust or other contaminants, then apply a coat of SELLADOR 522-000 and cover with SUR finish of your choice.
<b>Mildew, fungus, algae</b>	On fungus, algae and lichens infected surfaces, 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 this sealant and cover with SUR finish of your choice. BESS Micronized Concrete Sealant 210-000 and this finish.
<b>Micro cracks, fissures and cracks in masonry or concrete</b>	Nota: Para grietas de ancho superior al descrito, refiérase al Asistente Virtual o solicite la valoración de nuestro Servicio Técnico, quienes indicarán el proceso adecuado a seguir. Micro-fissures (0.1 mm a 0.5 mm): Apply a coat of this sealant and cover with an elastomeric finish. Small Cracks (0.6 mm a 2 mm): Repair with PEGA-PATCH Elastomeric Putty 231-000, apply a coat of this sealant and cover with SUR finish of your choice. 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 a coat of this sealant and cover with SUR finish of your choice. Important: For cracks wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service

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### Capillarity damp in masonry 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 this Sealant 522-000 and SUR finish of your choice.  
In more severe damp walls, contact our Customer Service as indicated below for a technical assessment.

## PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 503-00522-000 - SEALANT 522	<b>100 parts</b>	Stir before use
Diluent: 0 - Water	<b>10 - 15 parts</b>	
Diluent: 0 - Water	<b>20 a 25 parts</b>	When applied over plaster, dilute in these proportions for a better impregnation of the surface.

## PRODUCT APPLICATION

### IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

### Brushing

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

### Roller application

Microfiber or splatter free felt.

Rough surface: 3/4" felt

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

### Application by air spray

Nozzle	1.3 mm
Pressure	35 psi

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### Airless spray application

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

Number of Coats	1
Dry Coat Thickness	1 mil

### Drying times

Dry-to-Touch Time	30 minutes
Recoat time	2 hours

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

- ✓ 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](mailto:customerservice@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.
- ✓ If you are going to need more than one container, mix them in advance to correct any color differences.

### HEALTH

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
- ✓ 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>

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