



### DESCRIPTION

SUR FASTYL is a waterproofing and thermo-reflective coating for roofs, slabs, and walls. Formulated on elastomeric resins and enhanced with nano particles (particles of such small size that they generate impermeability on the substrate), to make it harder for water to penetrate. It is excellent to be applied on surfaces exposed to weathering or in frequent contact with water but does not apply when they are in permanent immersion. It has excellent flexibility since its elongation is 1100% by ASTM D2370 standard.

### USE

It can be applied indoors or outdoors on concrete or lightweight materials, such as drywall, gypsum board and fiber cement, as well as on galvanized iron.

<b>Structure</b>	Eaves, gutters / down-spouts, exterior walls, slabs / flat-roof / decks, roofs.
<b>Exterior, Interior</b>	Indoor, Outdoor, Roofed Exterior walls
<b>Surface</b>	Bare or plastered concrete, fiber cement, galvanized steel, gypsum board or drywall.

### PROPERTIES

#### SPECIAL PROPERTIES

Finish	Satin
<b>Weather Resistance</b>	● ● ● ● ●
<b>Waterproofing</b>	Yes
<b>Elastomeric</b>	Yes
<b>Anti-fungal</b>	● ● ● ○ ○

#### PHYSICAL PROPERTY

#### DATA

Weight solids (%)	60 – 62
VOC (volatile organic compounds) (g/L)	< 8
Weight per Gallon (kg/gal)	4.50 – 4.70
pH	7 – 9
Volume Solids (%)	51 – 53

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over the conditions, tools, the skills of the applicator, or over the selection, preparation or compatibility of the products used; 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



Stormer Krebs Viscosity (Ku)	120 - 130
Theoretical Yield (m <sup>2</sup> /Gallon)	78 m <sup>2</sup> at 1 mil

Note: Values Measured for white color

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

The data in this technical sheet correspond to white color, variation for other colors is minimal. The % VOC and light reflectance values may vary by color.

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

### CONTAINERS

#### AVAILABLE CONTAINERS

¼ gallon can (0.946 Lt.)

518-11725-000 1 gallon can (3.785 Lt.)

5-gallon bucket (18.925 Lt.)

#### AVAILABLE COLORS

White 000

Red Oxide 307

Brick Red 321

Coffee 360

Blue 500

Oxide Green 665

Black 700

Grey 720

### 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 products to be used. 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

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	% of water for a better penetration into the surface.
<b>Lightweight board and fiber cement</b>	Thoroughly clean the entire surface to remove any dust or other contaminants, then apply a coat of SELLADOR 522-000. Finally, apply this finish.
<b>Surfaces with fungi or algae</b>	On surfaces with fungi, algae, or lichens, apply our SOLUCIÓN FUNGICIDA 334-900, let 20 minutes and rinse with plenty of water. 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.
<b>Cracks or micro-cracks in masonry or concrete</b>	<p>Micro-cracks (0.1 mm to 0.5 mm): An elastomeric finish is recommended.</p> <p>Hairline or fine cracks (0.6 mm to 2 mm): Repair with our elastomeric putty MASILLA ELASTOMÉRICA PEGA PATCH 231-000. Finally, apply this finish.</p> <p>Cracks (3 mm to 20 mm): Use ETIBOND CONCRET 550, and immediately, "fresh over fresh", you should apply 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.</p> <p>Note: For cracks wider than described, refer to our Virtual Assistant or request the assessment from our Technical Service, who will indicate the appropriate process to follow.</p>
<b>Mild dusting</b>	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 another repair.
<b>Concrete:</b>	New areas must be fully cured for 28 days (setting time), dry and clean. Apply the first layer of SUR FASTYL diluted with 15% to 20% of clean water to penetrate the surface thoroughly. Then apply successive layers of FASTYL SUR in cross direction to the previous one, undiluted and until the recommended dry thickness is reached. Important: between each coat allow for 4 hours drying time.
<b>New Galvanized Steel</b>	Wash and degrease surface, allow to dry completely. Finally, apply this finish.

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**Galvanized Iron with Corrosion** Surfaces with rust spots should be cleaned with steel brush or sandpaper to remove rust. Remove residual dust (do not use water). If there are areas that cannot be properly prepared due to their difficult access, you should apply a layer of CORROSTOP CONVERTIDOR DE ÓXIDO 375-013 by patching (affected areas only). Leave on for 4 hours, then apply a coat of CORROSTOP MINIO ROJO II 9000-351 Corrosive Primer to the entire surface. Finally, apply this finish.

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 503-00545-000, SUR FASTYL	100 %	Stir product thoroughly before use. Apply undiluted from the second layer.
Diluent Water	15 % a 20 %	This dilution should only be used in the first layer over concrete.
Diluent Water	10 % a 15 %	This dilution should be used on metal surfaces.

### PRODUCT APPLICATION

#### APPLICATION TOOLS:

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

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

Use natural or synthetic bristles.

#### Roller application

Plush can be microfiber or drip proof.

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

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# TECHNICAL INFORMATION

## SUR FASTYL

503-00545-000



Rough surface: 3/4" felt.

### Air spray application

Nozzle size	1.3 mm.
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Pressure	35 psi
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### Airless application

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

Never paint surfaces that are very hot or directly exposed to the sun, the paint will evaporate very quickly and that will damage its adhesion and durability.

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

### Number of layers and thickness

Recommended Dry Thickness	6 mils
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Number of Coats	Those required until the recommended thickness is reached
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### Drying times

Dry-to-Touch Time	1 hour
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Time to recoat	4 Hours
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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.

### NOTICE

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30°C, out of 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, you can check our website at <https://www.gruposur.com/asistencia/>

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### HEALTH

- ✓ 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.
- ✓ 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>

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