

# TECHNICAL INFORMATION

## DURABLE SELLADOR AQ 930

502-59930-000



### DESCRIPTION

DURABLE AQ 930 SELLADOR is a waterborne sealer with a high hiding power as its main feature, saving layers on the final finish. It also isolates the alkalinity of concrete, is environmentally friendly and can be coated with water-based or solvent-based finishes. In addition, having low VOCs (less than 100 g/L, according to ASTM D6886) and low TVOCs (<0.5 mg/m<sup>3</sup>, according to CDPH v1.2), it is ideal for building certification projects under different environmental regulations.

### USE

It can be applied indoors and outdoors on concrete or lightweight materials, such as drywall, plasterboard and fiber cement. It is recommended for use on new or in good condition concrete walls, as well as on matte finish water basecoats, when changes in tone are required.

**STRUCTURE** Eaves, ceilings, kitchens, structural elements (columns, trusses, etc.), walls, fascia boards, bathrooms.

**Indoor/Outdoor** Exterior, covered exteriors, interior.

**SURFACE** Concrete (plastered or unplastered), fiber cement, plastered surfaces, lightweight board, gypsum board, suspended ceilings (mineral fiber), painted surfaces.

### PROPERTIES

#### SPECIAL PROPERTIES

<b>Appearance:</b>	White
<b>SYSTEM</b>	Water Base

#### PHYSICAL PROPERTIES

#### DATA

Weight Solids (%)	58 - 60
VOC (volatile organic compounds) (g/L)	< 25
Weight per gallon (kg/gal)	5.45 - 5.65
Volume Solids (%)	38 - 40
Approximate yield (m <sup>2</sup> /gallon)	58 m <sup>2</sup> at 1 mil
Shelf life	48 months

These technical data were calculated under controlled laboratory conditions, but SUR QUÍMICA 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 QUÍMICA has made reasonable efforts to ensure the accuracy of the information provided herein, but assumes no liability for any errors, omissions or inaccuracies thereof. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



Version 3.0 of: Apr 4/28/2023  
28 2023 10:55AM



# TECHNICAL INFORMATION

## DURABLE SELLADOR AQ 930

502-59930-000



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).

### CONTAINERS

#### AVAILABLE CONTAINERS

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

5-gallon bucket (18.925 Lt.)

#### AVAILABLE COLORS

White 000

### 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 DURABLE SELLADOR AQ 930. 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.

#### Lightweight board and fiber cement

Thoroughly clean the entire surface to remove any dust or other contaminants, then apply a coat of DURABLE SELLADOR AQ 930.

#### Cracks or fissures in masonry or concrete

An elastomeric finish is recommended.  
Hairline or fine cracks (0.6 mm to 2 mm): Repair with our elastomeric putty MASILLA ELASTOMÉRICA PEGA PATCH 231-000.  
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 DURABLE SELLADOR AQ 930.  
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.

These technical data were calculated under controlled laboratory conditions, but SUR QUÍMICA 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 QUÍMICA has made reasonable efforts to ensure the accuracy of the information provided herein, but assumes no liability for any errors, omissions or inaccuracies thereof. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



Version 3.0 of: Apr 4/28/2023  
28 2023 10:55AM



# TECHNICAL INFORMATION

## DURABLE SELLADOR AQ 930

502-59930-000



**Capillary moisture in masonry** Completely remove all old paint and plaster. If fungus is present, clean as indicated in the section "Surfaces with fungus or algae".  
Waterproof the area with our waterproofing mortar MORTERO IMPERMEABILIZANTE MI-560 MORTERO IMPERMEABILIZANTE up to 1 m above the area that appears wet. Then apply a coat of our sealer DURABLE SELLADOR AQ 930.  
Note: In severe cases of moisture, ask for the assessment of our Technical Service to advise you with the appropriate process to follow.

**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.  
In areas that cannot be washed, apply NIT LIMPIADOR DE MOHO Y HONGOS 33305-600, 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 DURABLE SELLADOR AQ 930.

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 502-59930-000 DURABLE SELLADOR AQ 930	100%	Shake well before use:
Diluent Clean Water	10%-15%	
Diluent Clean Water	20%-25%	Add this proportion of clean water to be applied over plaster, so that it fully penetrates the surface.

### PRODUCT APPLICATION

#### APPLICATION TOOLS

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

These technical data were calculated under controlled laboratory conditions, but SUR QUÍMICA 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 QUÍMICA has made reasonable efforts to ensure the accuracy of the information provided herein, but assumes no liability for any errors, omissions or inaccuracies thereof. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



Version 3.0 of: Apr 4/28/2023  
28 2023 10:55AM



# TECHNICAL INFORMATION

## DURABLE SELLADOR AQ 930

502-59930-000



### 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 dripproof.

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 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 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

Number of coats	1
-----------------	---

Dry thickness per layer (mils)	1 mil
--------------------------------	-------

### Drying time

Touch-Dry	30 minutes
-----------	------------

Drying time to repaint	2 Hours
------------------------	---------

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.

### Compliances

These technical data were calculated under controlled laboratory conditions, but SUR QUÍMICA 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 QUÍMICA has made reasonable efforts to ensure the accuracy of the information provided herein, but assumes no liability for any errors, omissions or inaccuracies thereof. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



Version 3.0 of: Apr 4/28/2023  
28 2023 10:55AM



# TECHNICAL INFORMATION

## DURABLE SELLADOR AQ 930

502-59930-000



---

Base Standard: LEED® EQ Credit: Low Emitting Materials

Analytical methodology: CDPH v1.2

Compliance: Yes

Analytical methodology: ASTM D6886

Compliance: Yes

Base rule: SCAQMD Rule 1113

Analytical Methodology: ASTM D6886

Compliance: Yes

---

### NOTICE:

- ✓ Store this product in its original 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, visit our website at <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>

---

These technical data were calculated under controlled laboratory conditions, but SUR QUÍMICA 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 QUÍMICA has made reasonable efforts to ensure the accuracy of the information provided herein, but assumes no liability for any errors, omissions or inaccuracies thereof. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



Version 3.0 of: Apr 4/28/2023  
28 2023 10:55AM

