



## DESCRIPTION

DURABLE ANTIHONGOS MATE is a high-quality acrylic resin based, matt antifungal paint with water-repellent properties that help keep the surface clean for longer. Its nanotechnology-enhanced formula allows it to manipulate particles so small that they waterproof the substrate, making it harder for water to penetrate.

It also contains broad-spectrum biocides with a strong focus on fungi, algae, lichens and other organisms that attack surfaces in tropical climates. It has high resistance to UV rays, making it ideal for the protection and decoration of outdoor surfaces.

In addition, having low VOCs (less than 50 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 surfaces, and on lightweight materials, such as Sheetrock, plasterboard, fiber cement or wood. It can also be applied indoors.

**STRUCTURE** Eaves, gutters, downspouts, ceilings, Structural Elements (columns, trusses, etc.), walls, fascia boards, doors.

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

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

## PROPERTIES

### SPECIAL PROPERTIES

Finish	Matt				
Washability (cycles)	> 5000				
Breathability	Yes				
Hiding Power	●	●	●	●	●
Weather Resistance	●	●	●	●	●
Anti-fungal	●	●	●	●	●

## PHYSICAL PROPERTIES

## DATA

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.

# TECHNICAL INFORMATION

## DURABLE ANTIHONGOS MATE

502-59980-000



Weight Solids (%)	57 – 59
pH	7.0 to 9.0
Fineness of grind (ASTM D 1210)	> 6
Alkali resistance	No significant
VOC (volatile organic compounds) (g/L) ASTM D6886	< 46
Specular gloss at 60° (GU)	Less than 5
Weight per gallon (kg/gal)	5,0 – 5,2
Volume Solids (%)	42 – 44
Specular gloss at 85° (GU)	Less than 4
Abrasion resistance (ASTM D-2486)	> 2500 cycles
Flexibility ASTM D522	1/4 in.
Reflectance	90-95%
Shelf life	4 years
Stormer Krebs Viscosity (Ku)	100 – 110
Theoretical yield (m <sup>2</sup> /gallon)	65 m <sup>2</sup> at 1 mil
Hiding Power ASTM D 2805	99.5%

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.)

#### AVAILABLE COLORS

Available in the Surmix tinting system.

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.




---

5-gallon bucket (18.925 Lt.)

---

## SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>Surface Cleaning</b>	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.
<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 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 the surface is completely dry before applying a coat of DURABLE SELLADOR AQ 930. Finally, apply this finish.
<b>Capillary moisture in masonry</b>	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 MORTERO IMPERMEABILIZANTE up to 1 m above the area that appears wet. Then apply a coat of our sealer DURABLE SELLADOR AQ 930. Finally, apply this finish. Note: In severe cases of moisture, ask for an assessment from our Technical Service to advise you of the appropriate process to follow.
<b>Cracks or fissures in masonry or concrete</b>	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 DURABLE SELLADOR AQ 930. Finally, apply this finish.

---

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.

# TECHNICAL INFORMATION

## DURABLE ANTIHONGOS MATE

502-59980-000



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.

**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. Finally, apply this finish.

**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 better penetration into the surface.

**Concrete:** New areas must be fully cured for 28 days (setting time), dry and clean. Apply a layer of DURABLE SELLADOR AQ 930 to the cured surface. Finally, apply this finish.

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

Product: 502-59980-000, DURABLE 100%  
ANTIHONGOS MATE

Shake well before use:

Diluent: Clean Water 10% - 15%

### PRODUCT APPLICATION

#### APPLICATION TOOLS

BRUSH

Airless equipment

Conventional spray Roller  
gun (gravity or  
suction)

#### Brush application

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

Use natural or synthetic bristles.

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.

# TECHNICAL INFORMATION

## DURABLE ANTIHONGOS MATE

502-59980-000



### 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

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

Number of coats:	Minimum 2
------------------	-----------

### Drying time

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

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

Full product performance.	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.

### Compliances

Base Standard: LEED® EQ Credit: Low Emitting Materials

Analytical methodology: CDPH v1.2

Compliance: Yes

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.

# TECHNICAL INFORMATION

## DURABLE ANTIHONGOS MATE

502-59980-000



---

Analytical methodology: ASTM D6886

Compliance: Yes

Standard Base: SCAQMD Rule 1113

Analytical Methodology: ASTM D6886

Compliance: Yes

---

### NOTICE:

- ✓ Store this product in its closed 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>

---

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.