



DESCRIPTION

DURABLE LATEX MATE is a premium, acrylic resin-based paint designed for superior decoration and protection of both exterior and interior surfaces. This environmentally friendly product is free from lead and mercury, ensuring safety and sustainability. Its advanced nanoparticle-enhanced formula provides exceptional impermeability, significantly reducing water penetration. Offers excellent leveling and superior hiding power. Biocide Content: Effectively targets fungi, algae, and lichens. Low VOCs: Contains less than 50 g/L (ASTM D6886) and low TVOCs (<0.5 mg/m³, CDPH v1.2), making it ideal for projects requiring building certification under various environmental regulations. DURABLE LATEX MATE is the optimal choice for those seeking a high-quality, eco-friendly paint solution that meets stringent environmental standards.

USE

It can be applied indoors and outdoors on concrete surfaces, and on lightweight materials, such as drywall, Sheetrock, plasterboard, fiber cement or wood.

STRUCTURE	Eaves, ceilings, Structural Elements (columns, trusses, etc.), walls, fascia boards, doors.
Indoor/Outdoor	Exterior, covered exteriors, interior.
SURFACE	Bare concrete, Fiber cement, Wood, Plastered surfaces, Lightweight board, Gypsum board, Suspended ceilings (Mineral fiber).
Line	Architectural

PROPERTIES

SPECIAL PROPERTIES

Finish	Matt				
Breathability	Yes				
Hiding Power	●	●	●	●	○
Weather Resistance	●	●	●	●	○
Anti-fungal	●	●	●	○	○

PHYSICAL PROPERTIES

DATA

Weight Solids (%)	54 – 56
VOC (volatile organic compounds) (g/L)	< 28

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TECHNICAL INFORMATION

DURABLE LÁTEX MATE

502-59900-000



pH	7.0 – 9.0
Weight per gallon (kg/gal)	5.15 – 5.35
Shelf Life	4 years
Volume Solids (%)	36 – 38
Stormer Krebs Viscosity (Ku)	100 – 110
Theoretical yield (m ² /gallon)	55 m ² @ 1 mil

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.)

5-gallon bucket (18.925 Lt.)

AVAILABLE COLORS

Available in the Surmix tinting system.

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.
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.
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

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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.

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.
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Cracks or fissures in masonry or concrete	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. 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.
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Capillary moisture in masonry	in 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 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 with the appropriate process to follow.
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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. Finally, apply this finish.
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PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 502-59900-000 DURABLE LÁTEX 100%		Shake well before use:

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MATE

Diluent Clean Water

10% – 15%

PRODUCT APPLICATION

APPLICATION TOOLS

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

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 drip proof.

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

Rough surface: 3/4" felt.

Application with conventional spray gun

Nozzle size	1.3 mm.
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Pressure	35 psi
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Application with airless equipment

Nozzle size	0.38 mm (0.015") to 0.43 mm (0.017")
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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 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

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Dry thickness per layer (mils)	1 mil
Number of coats:	Minimum 2
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

Base Standard: LEED® EQ Credit: Low Emitting Materials

Analytical methodology: CDPH v1.2

Compliance: Yes

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>

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