

# TECHNICAL INFORMATION

## MATTE ENAMEL 6000



501-06000-000

### DESCRIPTION

MATTE ENAMEL 6000 is a high performance finish with great hiding power. It contains a low odor solvent that improves adaptation to freshly painted environments.

### USE

This product can be applied indoors on metal, concrete, slab, fiber cement and wood surfaces.

<b>Structure</b>	Walls, ceilings, doors, Structural elements (column, trusses, etc.)
<b>Exterior/Interior</b>	Indoor
<b>Surface</b>	Concrete, iron, Painted Surfaces, Lightweight Board, Gypsum Board, Suspended ceilings (Mineral Fiber), Fibercement, Brick, Wood, Plastered Surfaces, bare Concrete.
<b>Product line</b>	Architectural

### CHARACTERISTICS

#### SPECIAL PROPERTIES

Finish	Matte				
<b>Hiding Power</b>	●	●	●	●	○
<b>Weather resistance</b>	●	●	○	○	○

#### PHYSICAL PROPERTY

#### DATA

Weight solids (%)	75 - 77
Weight per Gallon (kg/gal)	6.1 - 6.3
Volume Solids (%)	47 - 49
Stormer Krebs Viscosity (Ku)	110 - 120
Theoretical Yield (m <sup>2</sup> /Gallon)	72 m <sup>2</sup> /gallon @ 1 mil

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

Note: Values Measured for white color.

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

### PRESENTATION

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA 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 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.

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### AVAILABLE PRESENTATIONS

1/4 gallon metal can (0.946 lt)

1 gallon metal can (3.785 lt)

### AVAILABLE COLORS

Available in chart colors

### SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>Surface cleaning</b>	Before applying this product, remove any dirt, dust, grease or other contamination, as this will affect the adhesion or performance of the finish used. Remove poorly adhered paint with spatula, sandpaper, brooms or compressed air and smooth out uneven spots (steps) where paint was removed.
<b>Concrete</b>	All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean. Apply a coat of White Sealant 522-000 and coat with this finish.
<b>Gypsum Board</b>	Plaster the surface, sand and thoroughly clean residual dust with a clean microfiber cloth. Apply a coat of White SEALANT 522-000 diluted with 20 to 25% of clean water for a better penetration and coat with this finish.
<b>Drywall or fibercement</b>	Thoroughly clean the entire surface to remove any dust or other contaminants, then apply a coat of White SEALANT 522-000. Finally apply this finish.
<b>Wood</b>	Repair old nail holes or hairline cracks with Wood Putty 800-***, sand and dust thoroughly, then apply a coat of UNIVERSAL SEALANT 530-000 and apply this finish.
<b>New iron or steel</b>	Wash and degrease surface. Let to dry and apply a coat of CORROSTOP ANTICORROSIVE PRIMER RED MINIO II, and recoat with this finish.
<b>Mildew</b>	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 White Sealant 522-000 and this finish.
<b>Micro cracks, fissures or cracks in masonry or concrete</b>	Micro cracks: (0.1 mm to 0.5 mm): Apply an elastomeric finish. Fissures (0.6 mm to 2 mm): Fix with Elastomeric Putty PEGA PATCH 231-000. Then apply a coat of this finish.

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	<p>Cracks (3 mm to 20 mm): Use ETIBOND CONCRET 550, immediately, while still fresh, apply MR-520 Repair Mortar. Cure this mortar for at least 15 days before applying a coat of this finish. Note: For cracks wider than described here, visit our website for the Virtual Assistant or ask our Customer Service as indicated below.</p>
<b>Humidity or rising damp on masonry walls</b>	<p>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 Sealant 522-000 and this finish. In more severe humidity cases, contact our Technical Service as indicated below.</p>
<b>Mild Dusting</b>	<p>Apply a coat of Clear Sealant 501-910, let dry and finish with this product. Note: Evaluate dusting problem to determine if the surface can be painted or other reparation is required.</p>
<b>Gloss or satin areas</b>	<p>Clean and degrease all surface. Apply a coat of Universal Sealant 524-000 to ensure the adherence of any paint, either water or solvent base. Then apply this finish.</p>
<b>Rust Iron or Steel</b>	<p>Surfaces with corrosion spots should be cleaned with steel brush or sandpaper to remove rust. Remove residual dust without any water. If certain areas cannot be prepared properly due to their difficult access, apply a coat of CORROSTOP RUST CONVERTER 375-013 by patching (only in rust spots). Leave on for 4 hours and then apply a coat of Anticorrosive Primer CORROSTOP TYPE MINIO RED II 9000-351 anticorrosive primer. Finally apply this finish.</p>

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 501-06000-000, Matte Enamel 6000	100%	Stir well before use.
Diluent: 510-00456-900 ODORLESS Diluent	10% - 15%	

### PRODUCT APPLICATION

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IT CAN BE APPLIED WITH



Brush



Roller



Spray gun (gravity or suction feed)

### Brushing

Apply with natural or synthetic brushes that does not detach bristles.

### Roller application

Microfiber or anti drip felt.

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

Rough surface: 3/4" felt.

### Air spray application

Nozzle	1.3 mm
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Pressure	35 psi
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### Application conditions

Do not paint very hot surfaces or directly exposed to the sun, the paint will evaporate too fast and that will impair adherence and durability.

Do not apply when ambient humidity exceeds 85% or in a rainy day, because it would alter some characteristics of the application or the performance of the product.

### Number of layers and thickness

Dry Coat Thickness	1 mil
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Number of Coats	At least 2
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### Drying times

Dry-to-Touch Time	4 a 5 hours
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Recoat time	12 hours
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Total drying time	7 a 10 days
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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.

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### OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
- ✓ If you use more than one container, mix them in advance to match any possible color differences.
- ✓ Container must be kept tightly closed to avoid loss of its properties.
- ✓ Do not wash painted surfaces with abrasive detergents, better 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)

### 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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