

TECHNICAL INFORMATION

ESMALTE DORADO

Golden Enamel

501-05100-847



DESCRIPTION

Enamel 5100 Dorado is an enamel finish with very good gloss, easy application, good leveling, and quick drying.

USE

This product is for indoor use only, on metal, concrete, or wood surfaces.

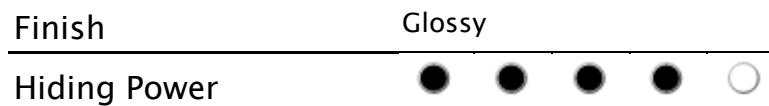
Structure Structural elements (columns, trusses, etc.), Walls, Doors

Interior/Exterior indoors

Surface Steel, Iron, concrete, bricks, wood, plastered surfaces

FEATURES

ASSESSMENT



PHYSICAL PROPERTIES

DATOS

Weight Solids (%) 58 - 60

Peso por galón (kg/gal) 3,85 - 3,95

Volume solids (%) 49 - 51

Viscosity Ford cup # 4 (s) 60 - 70

Theoretical yield (m²/gallon) 75 m²/gallon @ 1 mil

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

PRESENTATION

AVAILABLE CONTAINERS

AVAILABLE COLORS

Golden 847

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¼ gallon (0.946 Lt.)

1 gal. can (3.785 Lt)

5 gal. bucket (18.925 Lt)

SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface cleaning	Before applying, remove any dirt, such as dust, grease, or other contaminants, as this will affect the adhesion or performance of the finish. Remove badly adhered paint with the appropriate tools, and smooth out any irregularities (steps) left by old coats of paints.
Concrete	All new surfaces must fully be cured, usually about 30 days (setting time). Apply 1 coat of Sellador Blanco 522-000 (White Sealant) diluted with 20 to 25% water to improve surface infiltration and let dry.
Wood	Patch all holes and imperfections with Masilla para madera 800-*** (wood putty), sand and then apply Sellador Aparejo Universal (wood bonding primer 00530-000).
New Iron	Wash and degrease the surface, let it dry completely and then apply a coat of CORROSTOP TIPO MINIO RED II 9000-351 anticorrosive primer. Finally apply this finish.
Mold, Mildew,	Apply Solución Antihongos 334-900 (Antifungal Solution), 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, let dry completely before applying a coat of Sellador (sealant) 522-000.
Micro cracks, fissures and cracks in masonry or concrete	Micro cracks, fissures and cracks in masonry or concrete Hairline cracks (0.1 mm to 0.5 mm): an elastomeric finish is advised. Small Cracks (0.6 mm to 2 mm): Repair with Elastomeric Putty PEGA PATCH 231-000 .

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Cracks (2 mm a 20 mm): USE 550 **ETIBOND CONCRET** and immediately, "fresh on fresh", apply **Mortero de Reparación MR-520** (repair mortar). Let the mortar cure and dry for at least 15 days before applying the finish.

Once cracks repaired, use a coat of **Sellador 522-000** (sealant) and this finish.

Important: For cracks wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service.

Capillary Moisture on masonry walls

On surfaces that have suffered moisture problems, we don't advise to apply gypsum plaster, glossy or satin finishes.

Mild concrete dusting

Apply a coat of **SELLADOR TRANSPARENTE 501-910** (Clear Sealant), let dry and paint.

Note: Evaluate dusting problem to determine if the surface can be painted or further reparation is required.

Glossy/satin surfaces

Apply **Sellador Universal 524-000** (Universal Sealant) to ensure adhesion of any type of paint. Finally apply this finish.

Rust iron or Steel

Corrosion spots should be cleaned with steel brush or sandpaper to remove rust. Remove residual dust without using water.

If certain areas cannot be properly prepared due to their difficult access, apply a coat of **CORROSTOP CONVERTIDOR DE ÓXIDO 375-013** (rust converter) by patching (only in the affected areas).

Leave on for 4 hours and then apply a layer of **CORROSTOP TIPO MINIO ROJO II 9000-351** anticorrosive primer.

Finally apply this finish.

PRODUCT PREPARATION

COMPONENT	Mixing Ratio	Mixing Instructions
Product: 501-05100-847, ESMALTE DORADO	100 parts	Stir well before use
Diluent: 510-00456-900 DILUYENTE ODORLESS	10 to 15 parts	

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PRODUCT APPLICATION

APPLICATION TOOLS:

Brush Spray gun (gravity or
 suction feed) Roller

Brush Application

Use brush with natural or synthetic bristles in good condition and does not leaves bristles.

Roller Application

Microfiber or splatter free 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 Condition

Never apply on hot surfaces or directly exposed to the sun, it will evaporate quickly and will affect leveling, adhesion and durability.

Don't paint when humidity is over 85%, when is raining or under direct rain threat.

Quantity Coats and Thickness

Dry coat thickness	1 mil
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Number of coats	Minimum 2
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Drying Times

Touch dry time	30 minutes
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Drying time to recoat	1 a 2 hours
Overall drying time	7 a 10 days

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.

OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
- ✓ If you ´ll use more than one container, mix them in advance to correct any color differences.
- ✓ Do not wash a painted surface with abrasive detergents, it is better to use liquid detergent with enough water and a soft sponge.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>

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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