

TECHNICAL INFORMATION

GLOSS METAL DESIGN

METAL DESIGN BRILLANTE

596-48500-100



DESCRIPTION

GLOSS METAL DESIGN is a decorative wall finish with metallic effect and excellent gloss, ideal for creating attractive contemporary spaces or highlighting architectural details.

USE

It can be applied indoors or outdoors on concrete, gypsum board, fiber cement, iron and wood surfaces.

Structure Eaves, ceilings, Walls, Seals.

Exterior/Interior Indoor, Outdoor

Surface Fiber cement, Wood, Steel, Painted surfaces, Gypsum board

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	Metallic look
Outdoor resistance	● ● ● ● ○

PHYSICAL PROPERTY

DATA

Weight solids (%)	34 - 37
Weight per Gallon (kg/gal)	3.9 - 4.1
Volume Solids (%)	32 - 34
Stormer Krebs Viscosity (Ku)	100 - 110
Theoretical Yield (m ² /Gallon)	49m ² @ 1 mil

Definition of theoretical yield: Maximum surface that can be covered 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 from 1 to 5, where 5 is best value.

PRESENTATION

AVAILABLE PRESENTATIONS

¼ gallon can (0.946 Lt.)

AVAILABLE COLORS

Yellow 100

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1 gallon can (3.785 Lt.)

Blue 500
Turquoise 683
Black 700
Gray 720
Aluminum 800
Russet 843
Copper 845
Golden 847

SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface cleaning	Before applying the 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.
Concrete	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.
Gypsum board	Plaster the surface, sand and thoroughly clean residual dust with a clean microfiber cloth. Apply 1 coat of White Sealant 522-000 (diluted with 20 to 25% water to improve surface infiltration, let dry and apply this finish.
Drywall or fibercement	Thoroughly clean the entire surface to remove any dust or other contaminants, then apply a coat of White SEALANT 522-000 and later, apply this finish
Wood	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
Mildew	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 led dry on the surface. After cleaning, get sure the surface is thoroughly dry before applying a coat of White Sealant 522-000 and this finish.

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Micro cracks, fissures or cracks in masonry or concrete	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. 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 those described here, check our website for Virtual Assistance or contact our Customer Service as indicated below.
Damp masonry or concrete walls	On surfaces that were repaired due to moisture problems, it's not advised to use plaster, satin or gloss finishes.
Mild Dusting	Apply a coat of Clear Sealant 501-910 , let dry and finish with this product. Note: Evaluate dusting problem to determine if other reparation is required.
Gloss or satin areas	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.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 596-48500-100, GLOSS METAL DESIGN	100%	Stir well before use.
Diluent: Water	5% to 10%	Dilute in this proportion to apply with spray gun or airless.

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Sea Sponge

Roller

Spray gun (gravity or suction feed)

Roller application

Use an antidrill or microfiber felt

Application by air spray

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Nozzle	1.3mm
Pressure	35psi

Application conditions

Do not apply over 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
Number of Coats	At least 2, until the desired coverage is achieved.

Drying times

Total drying time	1 hour
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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.

Application Instructions

In certain colors (especially dark tones), you'll need to start by applying a sealer and then, a layer of **508-700 Background for Decorative Finishes** to highlight the gloss and for enhanced metallic effects.

Application Notes

If you want to know about other decorative effects with the BRIGHT METAL DESIGN 48500-100, consult through the number 800-SUR-2000 or send us an email to servicioalcliente@gruposur.com

Wash Technique: To obtain original effects you can use sea sponge, fabrics, newspapers or some dedicated tools. You can also dilute this product, depending on the desired effect.

Application Notes

To know about other decorative effects that GLOSS METAL DESIGN 48500-100 can produce, call 800-SUR-2000 or email customerservice@gruposur.com

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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
- ✓ 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

HEALTH

- ✓ 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>
- ✓ 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.

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