

# TECHNICAL INFORMATION

## Blackboard Paint



501-00500-600

### DESCRIPTION

BLACKBOARD PAINT is a finish aimed to avoid the reflection of light and to allow a smooth writing with chalk. It has excellent coverage and is easy to apply. It can also be used to coat ping-pong tables (table tennis) or table-football (foosball).

### USE

It can be applied on smooth, indoor surfaces such as wood, fiberboard or concrete.

<b>Structure</b>	Blackboard, Chalkboard
<b>Exterior/Interior</b>	Indoor
<b>Surface</b>	Concrete, Wood, plastered boards.
<b>Product line</b>	Arquitectural

### CHARACTERISTICS

#### SPECIAL PROPERTIES

Finish	Matte				
Yield	●	●	●	●	○
Weather resistance	●	●	●	●	○

### PHYSICAL PROPERTY

### DATA

Weight solids (%)	53 - 55
Weight per Gallon (kg/gal)	4.50 - 4.70
Volume Solids (%)	33 - 35
Stormer Krebs Viscosity (Ku)	100 - 110
Theoretical Yield (m <sup>2</sup> /Gallon)	53 m <sup>2</sup> @ 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.

Data measured on green. Other colors can present a minimum variation

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

### PRESENTATION

#### AVAILABLE PRESENTATIONS

8 Fl. Oz. can (0.236 Lt)

#### AVAILABLE COLORS

Green 600

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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¼ gallon can (0.946 Lt.)

Black 700

1 gallon can (3.785 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 irregularities (steps) left by old coat of paints.
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 cover with 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 let dry on the surface. After cleaning, be sure the surface is thoroughly dry before applying a coat of Sealant 522-000 and this finish.
Mild Dusting	Apply a coat of Clear Sealant 501-910, let dry and paint. Note: Evaluate dusting problem to determine if the surface can be painted or 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: 501-00500-600, Blackboard Paint	100%	Stir well before use
Diluent: 510-00456-900, ODORLESS DILUENT	10% to 15%	Brush or roller application.
Diluent: 510-00457-900, 457 DILUENT	10 % to 15%	Spray gun application

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### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH



Brush



Roller



Spray gun (gravity or suction feed)

#### Brush

Use a natural or synthetic brush in good condition and does not detach bristles.

#### Roller

Microfiber or anti drip felt.

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

Rough surface: 3/4" felt.

#### Application by air spray

Nozzle	1,3 mm
Pressure	35 psi

#### Application conditions

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

Do not apply when relative humidity exceeds 85%, under rain or with certain threat that it will rain in a short time, 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

#### Drying times

Dry-to-Touch Time	4 a 5 hours
Recoat time	12 hours

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Total drying time

7 to 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.

### Application Instructions

7 days after the Blackboard Paint total drying time, you need to “cure” the paint pores for a better performance. This is done rubbing with chalk the entire painted area. Then clean it with a traditional blackboard eraser (felt).

### OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.
- ✓ If you are using more than one container, is better to mix them before use, for a better color match. Do not wash a painted surface with abrasive detergent, it's better to use enough clean water, liquid soap 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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