

# TECHNICAL INFORMATION

## WHITE GLOSS FINISH



518-11605-000

### DESCRIPTION

White Gloss Finish is a two-part, solvent finish formulated on high quality polyurethane resins. It provides a high gloss film, excellent coverage, high hardness and good resistance to household chemicals. Its main feature is a cleaner white (enhanced whiteness) compared to other finishes.

### USE

Specially formulated for the furniture industry. Use only on previously sealed wood or agglomerates primed with our White Polyurethane Primer 518-11510-000 and made to stay indoors.

<b>Structure</b>	Furniture
<b>Exterior/Interior</b>	Indoor
<b>Surface</b>	MDF, Wood, Plywood
<b>Product line</b>	Professional/industrial Line

### CHARACTERISTICS

#### SPECIAL PROPERTIES

#### Finish

Two-part

#### Solvent - base

Industrial use

#### PHYSICAL PROPERTY

#### DATA

Volume Solids (%)	50 - 54
Weight solids (%)	65 - 70
Weight per Gallon (kg/gal)	4.80 - 5.00
Stormer Krebs Viscosity (Ku)	85 - 95
Theoretical Yield (m <sup>2</sup> /Gallon)	77 - 79
Pot life	2 -3 hours

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.

### PRESENTATION

#### AVAILABLE PRESENTATIONS

#### COMPONENT A, 518-11605-000

1 gallon can (3.785 Lt.)

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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5 gallon bucket (18.925 Lt.)

**COMPONENT B, 518-00730-000**

16 Fl. Oz. can (0.473 Lt.)

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

### SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>Wood moisture</b>	Moisture content should not be over 16%.
<b>Primer 11510</b>	Surface should be properly sealed with its indicated primer.
<b>Restore imperfections in wood, plywood or MDF</b>	To repair small details, use water based Wood Putty 518-00800 in the desired shade (Mahogany 418, Pine 424 or Teak 420).
<b>Resinous wood / tannins</b>	Do not apply white or pastel-colored finishes on resinous woods such as pine, teak, cypress, laurel, cedar and other similar species since, over time, yellowish spots of resin may appear.

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Component A: 518-11605-000, WHITE GLOSS FINISH	<b>2 Parts</b>	Stir well before use
Component B: 518-00730-900 POLYURETHANE COMPONENT B 730	<b>1 Part</b>	Stir well before use
Diluent: 510-00465-900, DURO SUR FINISH DILUENT	<b>1 Part</b>	

In higher temperatures, you may need to increase diluent's proportion.

### PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Spray gun (gravity or suction feed)

### Gravity gun application

Nozzle size	1.3 - 1.5 mm
Pressure	30 - 35 psi

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### Suction gun application

Nozzle size	1.5 - 1.7 mm
Pressure	30 - 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 hurt its adherence and duration.

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.

Application must be done in a well-ventilated area.

### Number of layers and thickness

Number of Coats	1 or 2 full layers (crossed layers)
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### Drying times

Tack-Free time	10 - 15 minutes
Drying time between coats	20 - 30 minutes
Total drying time	72 hours

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

- ✓ 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)
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

### HEALTH

- ✓ Do not use this product near ignition sources, as sparks or high temperature equipment. Avoid skin contact and do not inhale its vapors. Apply in a well-ventilated area and DO NOT smoke while using this product.
- ✓ 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.
- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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