

# TECHNICAL INFORMATION

## CLEAR GLOSS WOOD FINISH

ACABADO BRILLANTE TRANSPARENTE

518-11760-902



### DESCRIPTION

Clear Gloss Wood Finish is designed to be applied over a polyurethane sealant, forming a film of excellent gloss and transparency, high hardness and excellent resistance to household chemicals. It is a two-part, solvent based, polyurethane resin product.

### USE

Custom made for the furniture industry. Use only on previously sealed wood or wood particle boards already sealed with a sandable polyurethane sealer. Apply only over indoor structures.

<b>Structure</b>	Furniture, Doors, Any wooden structure
<b>Exterior/Interior</b>	Indoor
<b>Surface</b>	MDF, wood, Plywood
<b>Product line</b>	Professional/industrial Line

### CHARACTERISTICS

#### SPECIAL PROPERTIES

#### Finish

Solvent base

#### Two-part

#### High Gloss

Optimal hardness

### PHYSICAL PROPERTY

### DATA

Volume Solids (%)	31 - 33
Weight solids (%)	38 - 40
Weight per Gallon (kg/gal)	3.60 - 3.70
Theoretical Yield (m <sup>2</sup> /Gallon)	47 - 49
Zahn Cup # 2 (s)	17 - 19
Pot life	2 - 3 hours
Specular gloss @ 60° (GU)	95 - 100

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over the conditions, tools, the skills of the applicator, or over the selection, preparation or compatibility of the products used; therefore can only guarantee this product's 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.

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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

###### 518-11760-902

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

5 gallon bucket (18.925 Lt.)

###### 518-00702-900

16 Fl. Oz. can (0.473 Lt.)

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

5 gallon bucket (18.925 Lt.)

#### SURFACE PREPARATION

CONDITION	INSTRUCTION
Wood moisture	Moisture content should not be over 16%.
Sandable sealant	Surface should be properly sealed with a sandable polyurethane sealer.
Restore imperfections in wood, plywood or MDF	To repair small details, use water based Wood Putty 518-00800 in the desired shade (Mahogany 418, Pine 424 or Teak 420).

#### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
PART A: 518-11760-902, CLEAR GLOSS WOOD FINISH	<b>2 Parts</b>	Stir well before use
PART B : 518-00702-900 Component B 702 for Polyurethane	<b>1 Part</b>	Stir well before use
Diluent: 510-00465-900 DURO SUR Diluent for Finishes	<b>Max. 25%</b>	.

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In higher temperatures you may need to increase the diluent proportion in the mix.

### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH

Spray gun (gravity or suction feed)

#### Gravity feed spray

Nozzle size	1.3 - 1.5mm
Pressure	30 - 35psi

#### Suction feed spray

Nozzle size	1.5 - 1.7mm
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%, with 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 coats (cross coats)
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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.

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**Tek Wood** SUR

### Final instructions

It can be polished to enhance gloss 24 hours after application, using a #1200 grit wet sandpaper. After that, it can be polished with an adequate power polisher.

### 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 is 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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