

TECHNICAL INFORMATION

EXTERIOR CLEAR GLOSS WOOD FINISH



518-11770-902

DESCRIPTION

EXTERIOR CLEAR GLOSS WOOD FINISH is a two-part, solvent based product, formulated from high quality polyurethane resins. It provides an elegant glossy finish that highlights wood's natural beauty. It has UV filters, providing good resistance and durability to the varnished wood.

USE

EXTERIOR CLEAR GLOSS WOOD FINISH is for professional use, specifically for the furniture industry. It should be applied on furniture or wooden structures that will be used in outdoor environments.

Structure	Any wooden structure
Exterior/Interior	Indoor, Outdoor, Roofed Exterior walls
Surface	Wood
Product line	Professional/industrial Line

CHARACTERISTICS

SPECIAL PROPERTIES

Weather resistant
Solvent base
Two-part
Finish
Industrial use

PHYSICAL PROPERTY	DATA
Volume Solids (%)	31 - 33
Weight solids (%)	38 - 40
Weight per Gallon (kg/gal)	3,45 - 3,55
# 4 Ford Cup Viscosity (s)	15 - 20
Theoretical Yield (m ² /Gallon)	47 - 49 m ²
Pot life	2 - 3 h
Specular gloss @ 20° (GU)	70 - 80

Definition of theoretical yield: Maximum surface that can 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

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.

TECHNICAL INFORMATION

EXTERIOR CLEAR GLOSS WOOD FINISH



518-11770-902

Component A 11770-902:

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

Component B 00730-900:

16 Fl. Oz. can (0.473 Lt.)

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

SURFACE PREPARATION

CONDITION	INSTRUCTION
Sandable primer	Surface should be properly sealed with a sandable primer for exterior
Wood moisture	Moisture content should not be over 16%.
Restore imperfections in wood, plywood or MDF	If you need 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
Component A: 518-11770-902, EXTERIOR CLEAR GLOSS WOOD FINISH	2 Parts	Before use, mix thoroughly and then add diluent.
Component B: 518-00730-900, COMPONENT B 730 For Polyurethane	1 Part	
Diluent: 510-00465-900, DURO SUR Diluent for Finishes	1/2 Part	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Spray gun (gravity or suction feed)

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.

TECHNICAL INFORMATION

EXTERIOR CLEAR GLOSS WOOD FINISH



518-11770-902

Gravity gun application

Pressure	30 - 35 psi
Nozzle size	1.3 - 1.5 mm

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.

When conditions exceed 28°C temperature and 80% relative humidity, proportion of diluent may be have to be increased.

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	2 - 3 full layers (crossed layers)
-----------------	------------------------------------

Drying times

Tack-Free time	10 - 15 min
Drying time between coats	30 - 40 min
Dry to handle	3 h
Total drying time	72 h (3 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

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

HEALTH

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.

TECHNICAL INFORMATION

EXTERIOR CLEAR GLOSS WOOD FINISH



518-11770-902

- ✓ 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>

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.