

TECHNICAL INFORMATION

HI-GLOSS CLEAR WOOD FINISH

ACABADO ALTO BRILLO TRANSPARENTE

518-11750-920



DESCRIPTION

Hi-Gloss Clear Wood Finish is a two-part, solvent based finish developed from polyurethane resins. Designed to apply on polyurethane or polyester primers. It leaves an excellent high gloss, transparent, hard film, with excellent resistance to household chemicals.

USE

For professional use only, to apply on wood, plywood or MDF surfaces previously sealed with polyester or polyurethane primers. If required, it can be polished for a better finish.

Structure Furniture, Any wooden structure

Outdoor / Indoor Indoor

Surface Wood, MDF, Plywood

Product line Professional/industrial Line

CHARACTERISTICS

SPECIAL PROPERTIES

Finish

Two-part

Solvent base

Industrial use

PHYSICAL PROPERTY

DATA

Volume Solids (%) 41 - 43

Pot life 2 - 3 hours

Weight solids (%) 48 - 50

Weight per Gallon (kg/gal) 3.60- 3.75

Stormer Krebs Viscosity (Ku) 55 - 62

Theoretical Yield (m²/Gallon) 62 - 64

Specular gloss @ 20° (GU) 95 - 100

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

PART A, 518-11750-920

¼ gallon can (0.946 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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1 gallon can (3.785 Lt.)
5 gallon bucket (18.925 Lt.)

PART B, 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 an indoor sandable 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: 518-11750-920, Hi-Gloss Clear Wood Finish	100 parts	Stir well before use
PART B: 518-00702-900, COMPONENT B 702 FOR POLYURETHANE	100 parts	Stir well before use
Diluent: 510-00465-900 DUROSUR DILUENT FOR FINISHES	30 parts	

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

Suction gun application

Nozzle Size	1,5 - 1,7 mm
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Pressure	30 - 35 psi
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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	20 - 30 minutes
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Drying time between coats	30 - 45 minutes
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Total drying time	72 hours
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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.

Final instructions

It can be polished 12 hours after last layer is applied.

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

- ✓ 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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Tek Wood^{SUR}

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