

# TECHNICAL INFORMATION

## WHITE WOOD PRIMER

### Primer Blanco

518-11500-000



#### DESCRIPTION

White Wood Primer is a two-part wood sealer made from hi-quality polyurethane resins. It has high filling power, excellent hiding power and easy sanding.

#### USE

Designed exclusively for the furniture industry. Use only over indoor wood, plywood or MDFs that will be coated with color polyurethane.

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

#### CHARACTERISTICS

##### SPECIAL PROPERTIES

Primer

Two-part

Solvent base

Industrial use

PHYSICAL PROPERTY	DATA
Volume Solids (%)	52 - 56
Weight solids (%)	77 - 79
Weight per Gallon (kg/gal)	6.45 - 6.65
Stormer Krebs Viscosity (Ku)	90 - 95
Theoretical Yield (m <sup>2</sup> /Gallon)	80 - 82
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

##### AVAILABLE COLORS

White 000

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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#### COMPONENT A, 518-11500-000:

¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

#### COMPONENT B, 518-00709-900:

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
<b>MOISTURE</b>	Wood moisture content should not be over 16%.
<b>Surface Preparation</b>	Surface should be previously sealed with one of our nitrocellulose sealants. Wood must be dry, clean and well sanded. Remove any dirt, grease or contaminants, to ensure a proper adherence of this product.
<b>Restore imperfections in wood, plywood or MDF</b>	If you need to repair small details, use water base Wood Putty 518-00800 in the desired shade (Mahogany 418, Pine 424 or Teak 420).
<b>Wood protection against fungi/insects</b>	For a better protection against fungi and insects, apply previously a coat of Preserwood 504-00995-900

#### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Component A: 518-11500-000: White Wood Primer	<b>2 Parts</b>	Stir well before use
Component B: 518-00709-900, COMPONENT B 709 FOR POLYURETHANE	<b>1 Part</b>	Stir well before use.
Diluent: 510-00411-900: DURO SUR DILUENT	<b>1 Part</b>	

In high temperatures you may need to increase the proportion of diluent.

#### PRODUCT APPLICATION

##### IT CAN BE APPLIED WITH

Spray gun (gravity or suction feed)

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#### Gravity gun application

Nozzle size	1.5 - 1.7 mm
Pressure	30 - 35 psi

#### Suction gun application

Nozzle size	1.7 - 1.8 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%, 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 to 3 full coats (cross coats), depending of surface type and degree of sealing you may need.
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#### Drying times

Tack-Free time	8 - 10 minutes
Drying time to sand	45 - 60 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.

#### Sanding instructions

After each coat of this primer sand with # 220 and # 320 grit.

Note: Clean thoroughly all dust residue generated by sanding before applying next coat.

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#### 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 product is for professional/industrial use only and must be applied by trained personnel, using the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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