

TECHNICAL INFORMATION

CLEAR MATTE FINISH 30



518-11750-903

DESCRIPTION

CLEAR MATTE FINISH 30 is a solvent-base, two-part wood varnish, formulated from high quality polyurethane resins. It provides excellent transparency, good leveling and smoothness. Its matte 30-gloss finish highlights wood's natural beauty and offers good resistance to household chemicals, protecting and improving furniture's life.

USE

Product for professional use, specifically for the furniture industry. It should be applied on furniture or wooden structures that will be used indoors.

Structure Furniture, any wooden structure

Exterior/Interior 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 (%) 36 - 40

Pot life 3 - 4 hours

Weight solids (%) 44 - 48

Weight per Gallon (kg/gal) 3.65 - 3.80

Stormer Krebs Viscosity (Ku) 55 - 60

Theoretical Yield (m²/Gallon) 56 - 58

Specular gloss @ 60° (GU) 25 - 30

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.

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

CLEAR MATTE FINISH 30



518-11750-903

PRESENTATION

AVAILABLE PRESENTATIONS

COMPONENT A= 518-11750-903,
¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

5 gallon bucket (18.925 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

Wood moisture

Moisture content should not be over 16%.

Sandable primer

Surface should be properly sealed with any of our sandable primers for interiors.

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 : 518-11750-903 CLEAR
MATTE FINISH 30

2 Parts

Stir well before use

Component B : 518-00709-900
COMPONENT B 709 For Polyurethane

1 Part

Stir well before use

Diluent : 510-00465-900 DURO SUR
DILUENT for Finishes

1 Part

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

CLEAR MATTE FINISH 30



518-11750-903

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Airless spray



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

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)

Drying times

Tack-Free time 8 - 10 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.

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

CLEAR MATTE FINISH 30



518-11750-903

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 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.