



PRODUCT DESCRIPTION

Varno is a wonderful transparent high-gloss varnish made of quality alkyd resins.

PRODUCT CHARACTERISTICS

- High ability to retain gloss.
- High adhesive strength.
- Good durability and good resistance to weather conditions

(Complies with the Egyptian Standard Specification No. 508)

RECOMMENDED USE

Suits indoor applications.

TYPE OF SURFACE

Wooden surfaces like Furniture, Doors, Frames ...etc.

TECHNICAL SPECIFICATION

Final Appearance	→ Glossy
Viscosity	→ 135 ± 3 Kreps (at 25°C temperature and 50% humidity) → according to (ASTM D562-10 (2018))
Density	→ 0.96 ± 0.03 gm/cm ³ (at 25°C temperature and 50% humidity) → according to (ASTM D1475-13 (2020))
% Solids by Volume	→ 54 ± 2
Flash Point	→ $36^{\circ}\text{C} \pm 2$

METHOD OF APPLICATION

Diluent	→ Sipes Spirit
% Dilution (by volume)	→ (10 – 15)
Application Tools	→ Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	→ 150 Kg/cm ² (2100 psi)
Nozzle head	→ 0.013 – 0.021
Spray angle	→ 65° - 80°
Filter	→ Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	55.5	74	64.8
Theoretical Spreading Rate (m ² /liter)	12 - 16		14

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	6 hours approximately
Re-coating	18 hours approximately



VARNO

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW WOODEN SURFACES

- 1-2 Coats Suitable Wood Sealer.
- 2 Coats Varno.

FOR OLD WOODEN SURFACES

Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply coats as indicated above.

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge. It is based on laboratory tests and practical experience. Sipes takes no responsibility for consequences of breaching the instructions. The Company reserves the right to change data herein without notice.

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