

Epifanes Rubbed Effect Varnish

One component interior varnish with beautiful satin sheen



PRODUCT DESCRIPTION

Epifanes Rubbed Effect Varnish is quick drying, scratch resistant one component interior varnish based on urethane alkyd resins. This varnish gives a very pleasant warm satin look. It provides great protection against alcohol and household chemicals.

Field of use: As a satin final coat in a new system or as a maintenance satin varnish over an existing varnish system. Suited for application on virtually every varnish. On bare wood always start with several high gloss varnish build up coats. The high gloss varnish will fill the wood grain faster and the incorporated UV filter of the high gloss varnish will also protect the wood against discolorisation.

PRODUCT INFORMATION

Type	Oxidative drying
Base	Urethane/alkyd resin
Gloss	Satin
Colour	Transparent amber
Density at 68°F.	0,910 g/cm ³
Viscosity	45 seconds ISO-cup 4 mm
Solids Contents	44 ± 2 vol. %
VOC-level	467 g/l
Packing	500ml. - 1000ml. - 5000ml.
Shelf life	3 years In closed unopened container stored in a dry location at temperatures between 41-86°F.
Rec. filmthickness	2.5 mil wet = 1 mil dry
Thinner brush	Epifanes Brushthinner for Paint & Varnish or 100% mineral spirits (NOT low VOC).
Thinner spray	Epifanes Spraythinner for Paint & Varnish or denatured alcohol
Thinning in general	Thinning ratio depends on temperature of product and working area. Avoid overthinning. For thinning ratios, see the Epifanes varnish system.

Drying times	50°F.	59°F.	68°F.	77°F.
Dust dry	3 hours	2 hours	1 hour	45 minutes
Sandable	24 hours	18 hours	12 hours	10 hours
Recoatable	24 hours	18 hours	12 hours	10 hours

The above mentioned drying times are indicative at 65% RAH and 1 mil dry film thickness. Drying also depends on ventilation and applied wet film thickness. Higher wet film thickness and/or poor ventilation results in longer drying times. Especially horizontal parts may take longer to dry due to high wet film thickness. Allow each varnish coat sufficient time to dry. Do not apply wet-on-wet.

Substrate New system: Clean the previously applied high gloss varnish and sand with 320G. Apply Epifanes Rubbed Effect Varnish in 2 coats.

Existing system: Clean the varnish system and sand with 320G. Apply 2 coats of Rubbed Effect Varnish. Lightly thin the first coat to get a better bond with the varnish system in place.



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APPLICATION

Conditions during application **Temperature** minimal 47°F. - maximal 86°F.
Relative air humidity minimal 50% - maximal 85%

Best results are achieved by using a longhaired soft brush or by air spray. Because of the required wet film thickness application by roller is not advised. Evenly distribute the varnish over the surface and tip off along the wood grain. Avoid retipping. Do not apply wet-on-wet. Do not apply excessive wet film thickness to avoid the formation of curtains and drying problems. Avoid varnishing in direct sunlight or much wind. A rapid loss of solvents will occur under these conditions and this will decrease the flow. Avoid large difference in temperature of the product, surface to be varnish and working area. In case the product "pulls" and is difficult to apply, 10% thinner may be added. To retrieve the original colour of the wood, up to 10% Epifanes Mahogany Stain or Epifanes Teak Stain may be added to the varnish. After drying, lightly sand the surface with 320G or Scotch Brite. Always sand by hand along the wood grain.

Guidelines for spray application:

Thinning volume	Nozzle	Pressure	Visco DIN-cup 4 mm
15-20%	1.2 mm - 1.5 mm	30-45 psi	20-24 sec.

SYSTEM BUILD UP

	Step 1	Step 2	Step 3	Step 4
Product	EPIFANES Clear Varnish	EPIFANES Clear Varnish	EPIFANES Clear Varnish	EPIFANES Rubbed Effect Varnish
Numb. of coats	1	1	1 or more	1-2
Thinner	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV
Thinning ratio	25-50%	10-25%	0-5%	0-5%
Drying time 68°F.	24 hours	24 hours	24 hours	12 hours
Sanding grit	Dry 220G - sand by hand	Dry 220G - sand by hand	Dry 320G by hand or Scotch Bright	Wet or dry 320G by hand or Scotch Bright.
Remarks	First penetrating varnish coat. For full varnish penetration into the wood fibres apply this first coat heavily thinned.	Second penetrating varnish coat. Do not sand too heavy, but enough to create good grip for the next coat.	In case of openporic wood more gloss coats may be needed. Avoid heavy sanding, but sufficient enough to create good grip for the next coat of Epifanes Rubbed Effect Varnish.	Lightly sand between coats

Theoretical coverage
Practicle coverage

150ft² per liter @ 1 mil dry filmthickness
 Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.

Recoatibility with other Epifanes varnishes

Epifanes Clear Varnish	High gloss finish
Epifanes Woodfinish Gloss	High gloss finish
Epifanes Woodfinish Matte	Matt finish for interior or exterior
Epifanes Aqua Marine Interior Varnish	Water based satin finish alternative for interior use
Epifanes Rapidcoat / Rapidclear	Semi gloss finish

Safety

The user of this product should obey all national laws and legislation concerning health, safety and environmental hazard. For more information on health and safety, we refer to the Material Safety Data Sheet of this product.

Although the facts and suggestions in this product information sheet are based on our own research and field experiences and are believed reliable, we cannot simply be held responsible for performance or results obtained through the use of this product. Ineffectiveness or other unintended consequences may result, because of such factors as weather, conditions, presence or other materials or the manner of preparation, use or application all of which are beyond W. Heeren & Zoon's control. All such risks are assumed by user.

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