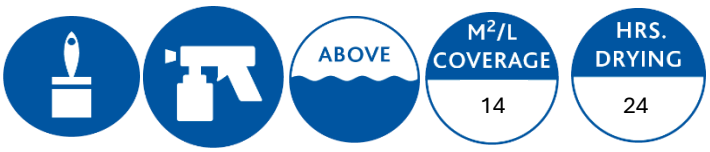
Epifanes Woodfinish Gloss

One-component yacht varnish alternative + extra UV filter





PRODUCT DESCRIPTION

Extreme high gloss, unique flow characteristics and high build capacity. This varnish alternative is very well suited for tropical woods with a high oil content i.e. teak and iroco providing great bonding. The UV filter protects the wood for discolouration. Its flexibility prevents cracking on working wood. Due to special components this oil based varnish has breathing characteristics, this preventing dark spots underneath the varnish.

Field of use: New work on bare solid wood (teak, iroco) and plywood both for inside and outside above the waterline. Maintenance of intact existing (one- and two-component) varnishes regardless of brand. Not suited for direct use on epoxy resin.

PRODUCT INFORMATION

Type	Oxidative drying
Base	Phenolic resin / Alkyd resin / Tung Oil, inert regulating components
Gloss	High Gloss
Colour	Light milky colour after steering, but dries up amber clear
Density @ 20°C.	940 gr. / dm^3
Viscosity @ 20°C.	50 seconds IS0-cup 4 mm
Solids contents	55 ± 2 vol. %
VOS-level	367 gram/liter
Packing	500ml. - 1000ml.
Shelf life	In closed original container if stored in a location with temperatures between 5 - 30°C 3 years
Rec. filmthickness	60 - 70 µm wet = 30 -35 µm dry
Thinner brush	Epifanes Brushthinner for Paint & Varnish or a good quality white spirit.
Thinner Spray	Epifanes Spraythinner for Paint & Varnish or denaturated alcohol
Thinning in general	Thinning ratio depends on product temperature and working area. Avoid overthinning. For thinning ratios, refer to the Epifanes varnish systems.
Tools	Longhaired soft bristle brush or by conventional air spray

Drying times	10°C.	15°C.	20°C.	25°C.
Dustdry	5 hours	4 hours	3 hours	2 hours
Sandable	40 hours	30 hours	24 hours	20 hours
Recoatable	40 hours	30 hours	24 hours	20 hours

The above mentioned drying times are indicative at 65% RAH and 30 µm dry filmthickness. Drying also depends on ventilation and applied wet filmthickness. A higher wetfilmthickness and/or poor ventilation results in longer drying times. Especially horizontal parts may take longer to dry due to high wetfilmthickness. Allow each varnish coat sufficient time to dry. Do not apply wet-on-wet!

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EPIFANES® Yacht Coatings

Substrate	**Bare wood:** Degreased with Epifanes Spraythinner for Paint & Varnish and sanded P220 dry For full impregnation into the woodfibres, thin 1st. varnish coat 20 – 35% **Existing varnish:** Degreased with Epifanes Spraythinner for Paint & Varnish and sanded P240 dry For a good grip on the varnish in place, thin 1st. varnish coat 10 – 15%

APPLICATION / WORKING ENVIRONMENT

Conditions during application	**Temperature**	**minimal 5°C. - maximal 30°C.**
	Relative air humidity	**minimal 50% - maximal 85%**

Best results are achieved by 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 too much wind. A rapid loss of solvents will occur under these conditions and decrease the flowing ability. 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% Epifanes Brushthinner for Paint & Varnish may be added. To retrieve the original colour of the wood, Epifanes Mahogany Stain or Epifanes Teak Stain may be added to the varnish up to 10%. After drying, always lightly sand the surface with P400 or Scotch Brite. Always sand by hand along the wood grain.

Guidelines for spray application:

Thinning volume	Nozzle	Pressure	Viscosity DIN-cup 4 mm
15 - 20%	**1.2 mm – 1.5 mm**	**2 -3 Bar**	**20 – 24 seconds**

System build-up

	Step 1	Step 2
Product	**EPIFANES Woodfinish Gloss**	**EPIFANES Woodfinish Gloss**
Number of coats	**1**	**5**
Thinning ratio	**25 %**	**0-10%**
Drying time @ 20°C.	**24 hours**	**24 hours**
Sanding grit	**P220 dry Sand by hand along the wood grain.**	**If subsequent coat is applied within 72 hours, sanding is not needed. For smoother finish, lightly sand with P400 or Scotch Brite. After 72 hours always sand with P320-400.**
Remarks	**1st. penetrating varnish coat. For full varnish penetration inside the wood fibres, apply this coat heavily thinned**	**Do not use a heavy sanding machine. Always sand lightly by hand.**

Coverage Theoretical **Coverage practical**	14m^2 per liter @ 35 µm dry filmthickness Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.
Recoatability with other Epifanes varnishes	Epifanes Rapidclear - Epifanes Clear Varnish - Epifanes Rubbed Effect Varnish Epifanes Rapidcoat - Epifanes Woodfinish Matte - Epifanes Aqua Marine Int. Varnish
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, refer to the Material Safety Data Sheet of this product.

Allthough 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 responsil performance or results obtained through the use of this product. Ineffectiveness or other unintended consequences may result, because of such factors as weather, conditions, prese 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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