

# 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 unless the amine blush from the epoxy has been removed first.

## PRODUCT INFORMATION

<b>Type</b>	Oxidative drying
<b>Base</b>	Phenolic resin / Alkyd resin / Tung Oil, inert regulating components
<b>Gloss</b>	High gloss
<b>Colour</b>	Light milky colour after stirring, but dries up completely clear
<b>Density at 68°F.</b>	0,940 g/cm <sup>3</sup>
<b>Viscosity</b>	55 seconds ISO-cup 6 mm
<b>Solids Contents</b>	55 ± 2 vol. %
<b>VOC-level</b>	367 g/l
<b>Packing</b>	500ml. - 1000ml.
<b>Shelf life</b>	3 years in original closed container stored in a location between 41- 86°F
<b>Rec. filmthickness</b>	2 – 2.5 mil wet = 1– 1.5 mil dry
<b>Thinner brush</b>	Epifanes Brushthinner for Paint & Varnish or 100% mineral spirits (NOT low VOC).
<b>Thinner spray</b>	Epifanes Spraythinner for Paint & Varnish or denatured alcohol
<b>Thinning in general</b>	Thinning ratio depends on product temperature 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	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 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. The additional benefit of Woodfinish Gloss is that you can overcoat the previous coat within 72 hours at 65°F without the need for sanding. Still it is very much advised to lightly scratch the surface with a fine Scotch Bright.

<b>Substrate</b>	Bare wood : degreased and sanded 180G. For maximal impregnation into the wood grain, thin first coat 25-35% .
	Maintenance of varnish: degreased and sanded 220– 320G. For a good grip, thin first coat 10% .

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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 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 reapplying. Do not apply wet-in-wet. Do not apply excessive wet films 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 big 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, Epifanes Mahogany Stain or Epifanes Teak Stain may be added to the varnish up to 10%. 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

Product	Step 1 EPIFANES Woodfinish Gloss	Step 2 EPIFANES Woodfinish Gloss
Number of coats	1	5
Thinner	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV
Thinning ratio	25%	0-10%
Drying time 68°F.	24 hours	24 hours
Sanding grit	Dry 220G - sand by hand	If subsequent coat is applied within 72 hours, sanding is not needed. For smoother finish, lightly sand with 320G or Scotch Bright. After 72 hours always sand with 320G.
Remarks	First penetrating varnish coat. For full varnish penetration into the wood fibres, apply this first coat thinned.	Do not use a heavy sanding machine. Always sand lightly by hand.

**Theoretical coverage**  
**Practicle coverage**

150ft<sup>2</sup> 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 alternative
Epifanes Woodfinish Matte	Matt finish for interior / exterior use
Epifanes Rubbed Effect Varnish	Satin finish for interior use
Epifanes Aqua Marine Interior Varnish	Water based satin finish for interior use
Epifanes Rapidcoat / Rapidclear	Semi gloss alternative

**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.

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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