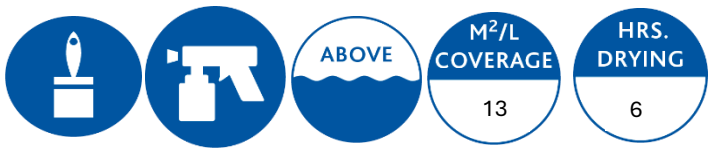
Epifanes Rapidclear

Quick and easy semi-gloss finish with UV filter





PRODUCT DESCRIPTION

Epifanes Rapidclear is a fast drying semigloss varnish alternative providing good adhesion to all sorts of wood including Teak. Sanding between coats is not absolutely necessary provided the application of a subsequent coat is within 72 hours. Epifanes Rapidclear is suitable for application on any other varnish regardless of brand.

Field of use: All wooden parts and objects above the waterline. This varnish can be used for interior and exterior use. Also suited as quick drying impregnating base varnish coats prior to finishing with Epifanes Clear Varnish or Woodfinish Gloss/Matte.

PRODUCT INFORMATION

Type	Oxidative drying
Base	Urethane resin
Gloss	Semi Gloss (75% gloss level)
Colour	Transparent amber
Density @ 20°C.	890 gr. / dm^3
Viscosity @ 20°C.	25 seconds IS0-cup 4 mm
Solids contents	40 ± 2 vol. %
VOS-level	507 gram/liter
Packing	750ml. - 4000ml.
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 = 25 -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	2 hours	1.5 hours	1 hours	45 minutes
Recoatable	10 hours	8 hours	6 hours	4 hours

The above mentioned drying times are indicative at 65% RAH and 25 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: Degrease the wood with Epifanes Cleaning Solvent or Epifanes Spraythinner for Paint & Varnish and sand bare wood with P180. After sanding clean once more. Start by applying the first coat of Rapidclear. Thinning is not necessary.

Existing varnish: Clean and degrease the varnish in place with Epifanes Spraythinner for Paint & varnish and sand with P240. Apply at least 2 coats Epifanes Rapidclear.

APPLICATION / WORKING ENVIRONMENT

Conditions during application	**Temperature**	**minimal 8°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 Rapidclear "pulls" and is difficult to apply, 5% 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%.

Guidelines for spray application:

Thinning volume	Nozzle	Pressure	Viscosity DIN-cup 4 mm
0 - 10%	1.3 mm – 1.5 mm	2 -3 Bar	16 -20 seconds

System build-up

	Step 1
Product	**EPIFANES Rapidclear**
Number of coats	**5 - 6**
Thinning ratio	**0-5%**
Drying time @ 20°C.	**6 hours**
Sanding grit	**Sanding not absolutely necessary. For a smoother finish, lightly sand between coats with Scotch Bright. If subsequent coat is applied after 72 hours, always sand with P280-320**
Remarks	**To obtain a high gloss finish, sand final coat Rapidclear with P220 and apply 2 or more coats Epifanes Clear Gloss Varnish or Epifanes Woodfinish Gloss.**

Coverage Theoretical
Coverage practical

$13m^2$ 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 Clear Varnish	- High gloss finish
Epifanes Woodfinish Gloss	- Breathing high gloss finish
Epifanes Rapidcoat	- Semi gloss finish with teak tone
Epifanes Rubbed Effect Varnish	- Semi gloss interior finish
Epifanes Woodfinish Matte	- Matte finish for exterior and interior
Epifanes Aqua Marine Varnish	- Water based semi gloss interior 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, 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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