

Epifanes Rapidclear

Quick and easy semi-gloss finish with UV filter



PRODUCT DESCRIPTION

Epifanes Rapidclear is a fast drying semigloss varnish 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	Semigloss (75%)
Colour	Transparent amber
Density at 20°C.	0,890 g/cm ³
Viscosity	25 seconds ISO-cup 4 mm
Solids Contents	40 ± 2 vol. %
VOC-level	507 g/l
Packing	750ml. - 4000ml.
Shelf life	3 years in a closed unopened container, stored in a dry location at temperatures between 5 - 30°C
Rec. filmthickness	60 - 70 µm wet = 25 - 30 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, see the Epifanes varnish system .

Drying times	10°C.	15°C.	20°C.	25°C.
Dust dry	2 hours	1.5 hours	1 hour	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. Higher wet filmthickness and/or poor ventilation results in longer drying times. Especially horizontal parts may take longer to dry due to high wet filmthickness. Allow each varnish coat sufficient time to dry.

Substrate	New system: Degrease the wood with Epifanes Cleaning Solvent and sand bare wood with P180 and clean once more. Start by applying the first coat of Rapidclear. Thinning is not necessary
	Existing system: Clean and degrease the varnish in place and sand with P240. Apply at least 2 coats Epifanes Rapidclear.



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APPLICATION

Conditions during application	Temperature	minimal 8°C. - maximal 30°C.
	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 films 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 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 or use one or more coats Epifanes Rapidcoat. Sanding is not required but after 72 hours sanding is advised with P400 or Scotch Brite. Always sand by hand along the wood grain.

Thinning volume	Nozzle	Pressure	Visco DIN-cup 4 mm
0-10%	1.3 mm - 1.5 mm	2-3 Bar	16-20 sec.

SYSTEM BUILD UP

Step 1

Product	EPIFANES Rapidclear
Numb. of coats	5-6
Thinner	EPIFANES Brushthinner PV
Thinning ratio	0-5%
Drying time 20°C.	6 hours
Sanding grit	Sanding not absolutely necessary. For a smoother finish, lightly sand with Scotch Bright. 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.

Theoretical coverage 13m² per liter @ 30 µm dry filmthickness
Practicle coverage 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 Gloss	High gloss alternative
	Epifanes Woodfinish Matte	Matt finish for interior or exterior
	Epifanes Aqua Marine Interior Varnish	Water based satin finish for interior use
	Epifanes Rubbed Effect Varnish	Semi gloss alternatief

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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