

Epifanes Rapidcoat

Quick and easy semi-gloss teak tinted finish with UV filter



PRODUCT DESCRIPTION

Epifanes Rapidcoat is a fast drying, teak tinted, semigloss varnish alternative. This varnish provides good adhesion to all sorts of wood including teak. Sanding between coats is not absolutely necessary if the application of a subsequent coat is within 72 hours. Epifanes Rapidcoat is suitable for application on any other varnish regardless of brand. Provides a warm look of the teak wood and hides colour differences.

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 of 75%
Colour	Transparent teak
Density at 68°F.	0,894 g/cm ³
Viscosity	25 seconds ISO-cup 4 mm
Solids Contents	40 ± 2 vol. %
VOC-level	506 g/l
Packing	750ml.
Shelf life	3 years in closed, unopened container stored in a dry location at temperatures between 41-86°F
Rec. filmthickness	2 –2.5 mil wet = .5 –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	Thin first coat in new work 10% . Avoid overthinning. For thinning ratios, see the Epifanes varnish system

Drying times	50°F.	59°F.	68°F.	77°F.
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 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.

Substrate
 New system: Degrease the wood with acetone and sand bare wood with 180G. After sanding degrease once more. On bare wood we advise to apply a first coat of Epifanes Rapidclear to neutralize possible colour differences due to the degree of absorption power of the wood. Thinning is not necessary. Apply as many coats of Rapidcoat to give the wood the colour that you wish. After you get the desired colour, switch to Epifanes Rapidclear and apply two or more coats

Existing system: Clean and degrease with denatured alcohol the varnish in place and sand with 320G. Apply at least 2 coats of Epifanes Rapidcoat.

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APPLICATION

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

Best results are achieved by using a longhaired soft brush or by air spray. Because of the required wet filmthickness 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 this will decrease the flow. Avoid large differences 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 intensify the original colour of the wood, up to 10% Epifanes Teak Stain may be added to the varnish. Sanding is not required if subsequent coat is applied within 72 hours. After 72 hours always sand 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
0-10%	1.3 mm - 1.5 mm	30-45 psi	16-20 sec.

SYSTEM BUILD UP

Product	Step 1	Step 2
	EPIFANES Rapidcoat	EPIFANES Rapidclear
Number of coats	1 or more, as needed depending on desired colouring.	Finish the system with Rapidclear. The number of coats depends on the number of coats Rapidcoat. Total number of coats in steps 1 + 2 must be at least 6
Thinner	EPIFANES Brushthinner P&V	EPIFANES Brushthinner P&V
Thinning ratio	0-10%	0%
Drying time 68°F.	6 hours	6 hours
Sanding grit	Not necessary. Lightly sand between coats with Scotch Bright. After 72 hours light sanding is advised with 320G	Not necessary. Lightly sand between coats with Scotch Bright. After 72 hours light sanding is advised with 320G
Remarks		To obtain a high gloss finish, sand final coat Rapidclear with 220G and apply 2 or more coats Epifanes Clear Gloss Varnish or Epifanes Woodfinish Gloss.

Theoretical coverage Practicle coverage

140ft² 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 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 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, 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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