

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 gives a 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 Rapidcoat is suitable for application on any other varnish no matter the brand. Provides a warm feeling 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 | Half Gloss of 75% |
| Colour | Transparant amber |
| Density at 20°C. | 890 gr. / dm ³ |
| Viscosity | 25 seconds ISO-cup 4 mm |
| Solids Contents | 40 ± 2 vol. % |
| VOC-level | 506 gram/liter |
| Packing | 750ml. |
| Shelf life | In closed unopened container stored in a dark location between 5 - 30°C approx. 3 years. |
| Rec. filmthickness | 60 - 70 µm wet = 20 - 25 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 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 the amount of ventilation and applied wet filmthickness. Higher wetfilmthickness and/or limited ventilation results in longer drying times. Especially flat surfaces may take longer to dry due to high wetfilmthickness. Allow each varnish coat sufficient time to dry.

Substrate
 New system: Degrease the wood with Epifanes Cleaning Solvent and sand bare wood with P180 After sanding degrease once more. Start by applying the first coat of Rapidcoat. 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 the varnish in place and sand with P240. Apply at least 2 coats of Epifanes Rapidcoat.



Epifanes Rapidclear

Quick and easy semi-gloss wood finish with UV filter

APPLICATION

Conditions during application Temperature minimal 8°C. - maximal 30°C.
 Relatieve luchtvochtigheid minimal 50% - maximal 85%

Best results are achieved by 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 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 intensify the original colour of the wood, Epifanes Teak Stain may be added to the varnish up to 10%. Sanding is not required if subsequent coat is applied within 72 hours. After 72 hours always sand with P320 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 | 2-3 Bar | 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 PV | EPIFANES Brushthinner PV |
| Tinning ratio | 0-10% | 0% |
| Drying time 20°C. | 6 hours | 6 hours |
| Sanding grit | Not necessary. Lightly sand between coats with Scotch Bright. After 72 hours light sanding is advised with P280-320 | Not necessary. Lightly sand between coats with Scotch Bright. After 72 hours light sanding is advised 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
Practicle coverage

14m² per liter @ 25 µm 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 fpr interior use |
| Epifanes Rubbed Effect Varnish | Semi gloss alternatief |

Safety

The user of this product should obey all 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.

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W. Heeren & Zoon BV
 PO box 166
 1430 AD Aalsmeer
 Netherlands
 Phone +31 297 – 360366
 info@epifanes.nl
 www.epifanes.nl

