

# 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

<b>Type</b>	Oxidative drying
<b>Base</b>	Urethane resin
<b>Gloss</b>	Semigloss (75%)
<b>Colour</b>	Transparent amber
<b>Density at 68°F.</b>	0,890 g/cm <sup>3</sup>
<b>Viscosity</b>	25 seconds ISO-cup 4 mm
<b>Solids Contents</b>	40 ± 2 vol. %
<b>VOC-level</b>	507 g/l
<b>Packing</b>	750ml. - 4000ml.
<b>Shelf life</b>	3 years in a closed unopened container, stored in a dry location at temperatures between 41-86°F
<b>Rec. filmthickness</b>	2– 2.5 mil wet = .5 –1 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	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.

<b>Substrate</b>	New system: Degrease the wood with acetone and sand bare wood with 180G and clean once more. Start by applying the first coat of Rapidclear. Thinning is not necessary.
	Existing system: Clean and degrease with denatured alcohol the varnish in place and sand with 320G. Apply at least 2 coats Epifanes Rapidclear.



# Epifanes Rapidclear

## Quick and easy semi-gloss wood finish with UV filter

### APPLICATION

**Conditions during application** Temperature **minimal 47°C. - maximal 86°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	30-45 psi	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 68°F.	6 hours
Sanding grit	Sanding not absolutely necessary. For a smoother finish, lightly sand with Scotch Bright. After 72 hours always sand 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** 140ft<sup>2</sup> per liter @ 1mil 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 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.

**DISCLAIMER OF WARRANTIES.** Seller makes no express warranties. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. In the event a warranty is created by law, buyer's EXCLUSIVE REMEDY shall be the replacement of any defective product. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available to buyer.

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

