

Epifanes Poly-urethane Clear Gloss Varnish

A two-component

varnish with UV filter

Chemical drying

Polyester saturated, aliphatic urethane

A two-component high-gloss yacht varnish with U.V. filter. Resistant to weathering, chemicals, scratching and loss of gloss. The outstanding flow characteristics make this two-component varnish highly suited for both brush and spray application.

Suited as a indoor and outdoor varnish system on its own on non-working (ply-)wood , as U.V.-resistant and protective finishing coat on epoxy resin or as an intermediate -adhesion- coat on wood treated with epoxy resin prior to the application of a one-component varnish.

Waterclear

Extreme high gloss

1,07 kg/dm³

40 seconds ISO-cup 4 mm.

 50 ± 2 weight % = 40 ± 2 volume %

569 gram / liter

500gr. base + 250gr. cure = 750gr. 2 kg. base + 1 kg. cure = 3 kg.

2 parts base component A : 1 part curing component B

10-15 minutes

at 12°C	at 20°C	at 30°C	
4 - 6 hours	3 - 4 hours	2 - 3 hours	

In closed container stored in a dark location between 5- 25°C. approx. 2 years

Temperature	minimal12°C	maximum 28°C.
Relative air humidity	minimal 50% -	maximum 75%

Epifanes Poly-urethane Brushthinner

Epifanes Poly-urethane Spraythinner

Add thinner after mixing both components. Thinning ratio depends on temperature of mixed product and work area.

Soft, longhaired brush (oval/full style) - conventional air spray

60-80 µm wetfilmthickness = 30-40 µm dryfilmthickness

Do not overbrush. Do not apply wet-in-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. Use only soft, long bristled, clean and dry brushes of good quality.

Bare wood, dry, degreased and sanded, percentage of humidity inside the wood < 15%. Well cleaned, degreased, sanded, intact well adhering oneand two-component varnish systems.

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12 m² per kg. @ 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.

	Air spray	Brush
Thinning volume	10	0-5%
Nozzle	1.3 - 1.8 mm	
Pressure	3	
Viscosity DIN-cup 4 mm	20 - 22 sec.	Apply along the wood grain

Airless spray not advised. Pressure feed paint container: Pot life will be shortened due to temperature increase in the container.

Dustdry	Sandable	Recoatable	Through hardened	
2 hours	24 hours	24 hours	14 days	

With itself between 24 and 48 hours without sanding. If recoated after 48 hours sand with P220 dry. Sand finishing coats with P360 wetordry.

Epifanes Clear Gloss Varnish - Epifanes Woodfinish Gloss Epifanes Rubbed Effect Varnish - Epifanes Rubbed Effect Low VOC

Epifanes Poly-urethane Clear Satin

Product	Nbr. of coats	Epifanes Thinner per coat	%	Drying times per coat at 18°C./65°F	Abrasive paper	Remarks
EPIFANES Poly-urethane Clear Gloss	1	EPIFANES Poly-urethane thinner	10-15	24 hours	220 dry	In order to minimize sinking of subsequent varnish coats, drysand wetfilm with P 220 wetordry and subse- quently scrape clean.
EPIFANES Poly-urethane Clear Gloss	1	EPIFANES Poly-urethane Thinner	10-15	24 hours	220 dry	Apply this 2nd. Coat within 48 hours after the 1st. coat.
EPIFANES Poly-urethane Clear Gloss	2	EPIFANES Poly-urethane Thinner	0-10	24 hours	360 wet	Apply 4th. Coat within 48 hours after the 3rd. coat Lightly sand 4th. Coat with P360 wetordry
EPIFANES Poly-urethane Clear Gloss	2	EPIFANES Poly-urethane Thinner	0-10	24 hours	360 wet	If 6th. Coat is applied within 48 hours after 5th., sanding is not required. More finishing coats may be required for sufficient protection in warmer climates.
Min. total amount	6					

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If subsequent coat is applied within 24 to 48 hours, intercoat sanding is not necessary. After 72 hours, sand with P360-400 wetordry abrasive paper.

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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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 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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