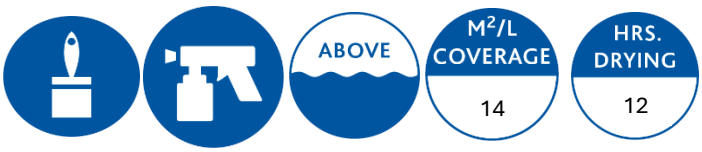
Epifanes Woodfinish Matte

One component matte varnish with UV filter





PRODUCT DESCRIPTION

Epifanes Woodfinish Matte is a fast drying, scratch resistant one component varnish based on urethane alkyd resins. This varnish gives a beautiful matte finish. It gives great protection against alcohol and other household chemicals. It can be used in an interior system or an exterior system.

Field of use: As a matte final coat in a new system or as a maintenance varnish in an existing system. It can be applied on basically every varnish. For bare wood we always recommend to start with build up coats of high gloss varnish with UV filter. This is to protect the wood from the inside of the grain.

PRODUCT INFORMATION

Type	Oxidative drying
Base	Urethane alkyd resin
Gloss	Matte
Colour	Transparent amber
Density @ 20°C.	928 gr. / dm^3
Viscosity @ 20°C.	50 seconds DIN-cup 4 mm
Solids contents	45 ± 2 vol. %
VOS-level	473 gram/liter
Packing	1000ml.
Shelf life	In closed original container if stored in a location with temperatures between 5 - 30°C 3 years
Rec. filmthickness	70 µm wet = 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, refer to the Epifanes varnish systems.
Tools	Longhaired soft bristle brush or by conventional air spray

Drying times	10°C.	15°C.	20°C.	25°C.
Dustdry	3 hours	2 hours	1 hour	45 minutes
Sandable	24 hours	18 hours	12 hours	10 hours
Recoatable	24 hours	18 hours	12 hours	10 hours

The above mentioned drying times are indicative at 65% RAH and 30 µm dry filmthickness. Drying also depends on ventilation and applied wet filmthickness. A higher wetfilmthickness and/or poor ventilation results in longer drying times. Especially horizontal parts may take longer to dry due to high wetfilmthickness. Allow each varnish coat sufficient time to dry. Do not apply wet-on-wet!

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EPIFANES® Yacht Coatings

Substrate

New system: Clean the previously applied build up of high gloss varnish. Sand final coat with P240 and apply Epifanes Woodfinish Matte in 2 coats.

Existing system: Clean the existing varnish system with Epifanes Spraythinner for Paint & Varnish and sand with P240. Apply 2 coats of Woodfinish Matte. Apply1st coat lightly thinned to get a better grip onto the of the varnish in place.

APPLICATION / WORKING ENVIRONMENT

Conditions during application	**Temperature**	**minimal 5°C. - maximal 30°C.**
	Relative air humidity	**minimal 50% - maximal 85%**

Best results are achieved by 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 film thickness 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 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% Epifanes Brushthinner for Paint & Varnish may be added. To retrieve the original colour of the wood, Epifanes Mahogany Stain or Epifanes Teak Stain may be added to Woodfinsih Matte up to 10%. After drying, lightly sand the surface with P400 or Scotch Brite. Always sand by hand along the wood grain.

Guidelines for spray application:

Thinning volume	Nozzle	Pressure	Viscosity DIN-cup 4 mm
10 - 15%	1.5 mm – 1.8 mm	2 -3 Bar	20 – 24 seconds

System build-up (for exterior use)

	Step 1	Step 2	Step 3
Product	EPIFANES Woodfinish Gloss	EPIFANES Woodfinish Gloss	EPIFANES Woodfinish Matte
Number of coats	1	3 - 4	1 - 2
Thinning ratio	25 - 35 %	0-10%	0 – 5%
Drying time @ 20°C.	24 hours	24 hours	12 hours
Sanding grit	P220 dry Sand by hand along the wood grain.	If subsequent coat is applied within 72 hours, sanding is not needed. After 72 hours always sand with P320-400.	P400 by hand or Scotch Brite.
Remarks	1st. penetrating high gloss varnish coat. For full varnish penetration inside the wood fibres, apply this coat heavily thinned.	Openporic wood may need more high gloss varnish coats for sufficient build up.	These coats give the system a Matte finish. Always lightly sand between these final coats for finest result.

Coverage Theoretical 14m^2 per liter @ 30 µm dry filmthickness

Coverage practical Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.

Recoatability with other Epifanes varnishes Epifanes Rapidclear - Epifanes Clear Varnish - Epifanes Rubbed Effect Varnish
Epifanes Rapidcoat - Epifanes Woodfinish Gloss - Epifanes Aqua Marine Varnish

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, 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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