

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 at 68°F.	0,928 g/cm ³
Viscosity	30 seconds ISO-cup 6 mm
Solids Contents	45 ± 2 vol. %
VOC-level	473 g/l
Packing	1000ml.
Shelf life	3 years in closed unopened container stored in a dry location at temperatures between 41-86°F
Rec. filmthickness	2.5 mil wet = 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	Thinning ratio depends on temperature of product 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	3 hours	2 hours	1 hours	45 minutes
Sandable	24 hours	18 hours	12 hours	10 hours
Recoatible	24 hours	18 hours	12 hours	10 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 will result 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. Do not apply wet-on-wet.

Substrate New system: Clean the previously applied high gloss varnish. Sand the coat with 320G. Apply the Epifanes Woodfinish Matte in 2 coats.

Existing system: Clean the varnish and sand it with 320G. Apply 2 coats of Woodfinish Matte where the 1st coat is lightly thinned to get in to the sanding scratches of the old varnish.



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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 wetfilmthickness 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 circumstances and this will decrease the flow. Avoid large difference in temperature of the product, surface to be varnished 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. After drying, lightly sand the surface 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
10-15%	1.5 mm - 1.8 mm	30-45 psi	20-24 sec.

SYSTEM BUILD UP (For exterior use)

Product	Step 1 EPIFANES Woodfinish Gloss	Step 2 EPIFANES Woodfinish gloss	Step 3 EPIFANES Woodfinish Matte
Numb. of coats	1	3-4	1-2
Thinner	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV
Thinning ratio	25-35%	0-10%	0-5%
Drying time 68°F.	24 hours	24 hours	12 hours
Sanding grit	Dry 220G - sand by hand	If subsequent coat is applied within 72 hours, sanding is not needed. For a smoother finish, lightly sand with 320G or Scotch Bright. After 72 hours always sand with 320G	Wet or Dry 320G by hand or Scotch Bright.
Remarks	First penetrating varnish coat. For full varnish penetration into the wood fibers, apply this first coat heavily thinned.	The more coats of Woodfinish Gloss will provide more varnish depth.	These coats give the system a Matte finish. Always lightly sand between these final coats for finest result.

Theoretical coverage
Practicle coverage

150ft² 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 Rubbed Effect Varnish Satin finish for interior
- Epifanes Aqua Marine Interior Varnish Water based satin finish for interior use
- Epifanes Rapidcoat / Rapidclear 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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