# 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 20°C.** | 0,928 g/cm³ |
| **Viscosity** | 30 seconds IS0-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 5 - 30°C |
| **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 temperature of product 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 | 3 hours | 2 hours | 1 hours | 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. Higher wet filmthickness and/or poor ventilation will result in longer drying times. Especially horizontal parts may take longer to dry due to high wet filmthickness. 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 P240. Apply the Epifanes Woodfinish Matte in 2 coats.

Existing system: Clean the varnish and sand it with P240. 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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EPIFANES® Yacht Coatings

## Technical datasheet EN-003

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## APPLICATION

**Conditions during application Temperature** **minimal 8°C. - maximal 30°C.**
**Relative air humidity** **minimal 50% - maximal 85%**

Best results are archieved 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 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 . 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 | Visco DIN-cup 4 mm |
|---|---|---|---|
| 10-15% | 1.5 mm - 1.8 mm | 2-3 Bar | 20-24 sec. |

## SYSTEM BUILD UP (For exterior use)

| | Step 1 | Step 2 | Step 3 |
|---|---|---|---|
| **Product** | **EPIFANES Woodfinish Gloss** | **EPIFANES Woodfinish gloss** | **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 20°C.** | 24 hours | 24 hours | 12 hours |
| **Sanding grit** | Dry P220 - sand by hand | If subsequent coat is applied within 72 hours, sanding is not needed. For a smoother finish, lightly sand with P400 or Scotch Bright. After 72 hours always sand with P280-320 | Wet P400 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**

14m² per liter @ 30 µm dry filmthickness
Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.

**Recoatbility 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 fpr interior use |
| Epifanes Rapidcoat / Rapidclear | Semi gloss alternatief |

**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.

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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