# Epifanes Yacht Enamel Flat Black




## One-component black matt finish for interior and exterior




## PRODUCT DESCRIPTION

One component black matt finish for all surfaces. This product has a high resistance against alcohol and household chemicals. With it's gloss rate of only 5-10%, it gives a modern look to all surfaces. Due to the urethane resin it has a high scratch resistance.

**Field of use:** In a new system for wood, steel and aluminium. GRP in combination with the appropriate primer. When applied in an interior system, start with the appropriate primer before applying several coats of Flat Black. When using this product for exterior use, it is recommended to finish, after the primer, with a high gloss top coat first. This high gloss topcoat gives a higher UV protection in the long run. After the top coat, apply 1 or 2 coats of Flat Black.

## PRODUCT INFORMATION

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|---|---|
| **Type** | Oxidative drying |
| **Base** | Urethane |
| **Gloss** | Matt (10%) |
| **Colour** | Black |
| **Density @ 20°C.** | 930 grams / $dm^3$ |
| **Viscosity @ 20°C.** | 40 seconds DIN-cup 4 mm |
| **Solids contents** | 55 ± 2 vol. % |
| **VOS-level** | 453 grams/liter |
| **Packing** | 750ml. |
| **Shelf life** | In closed unopened container stored in a dry room at temperatures between 5 - 30°C / 41°F- 86°F. approx. 3 years. |
| **Rec. filmthickness** | 60 – 70 µm wet = 30 - 35 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 paint systems. |
| **Tools** | Soft, longhaired brush, shorthaired roller (mohair) or conventional spray |
| **Coverage theoretical** | 16 $m^2$ per liter @ 35 µm dry filmthickness |
| **Coverage practicle** | Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application. |

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EPIFANES® Yacht Coatings

| Drying times | 10°C. / 50°F. | 15°C. 59°F. | 20°C./ 68°F. | 25°C. / 77°F. |
|---|---|---|---|---|
| Dustdry | 4 hours | 3 hours | 2 hours | 1.5 hours |
| Recoatable | 48 hours | 36 hours | 24 hours | 18 hours |

The above mentioned drying times are indicative at 65% RAH and 65 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 nonskid coat sufficient time to dry. Do not apply wet-on-wet!

## APPLICATION / WORKING ENVIRONMENT

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

Best results are achieved by using a roller, longhaired soft brush or by spray. Evenly distribute the paint over the surface and do not retipp. Do not apply wet-on-wet. Do not apply excessive wet films to avoid the formation of curtains and drying problems. Avoid painting in direct sunlight or much wind. A rapid loss of solvents will occur under these conditions and will decrease the flowing ability. The maximum difference in temperature between the surface and the paint is 3°C. In case the product "pulls" and is difficult to apply, 10% Epifanes Brush thinner may be added. After drying, lightly sand the surface with P400 or Scotch Brite before applying the next coat. Always sand fresh coats by hand.

**Guideline for spray application:**

| Tinning volume | Nozzle | Pressure | Viscosity Din-cup 4 mm |
|---|---|---|---|
| 10 - 15% | 1.3 mm – 1.5 mm | 2 – 3 Bar | 20 – 22 seconds |

| Substrates | |
|---|---|
| **Bare GRP** | **Clean and degreased with Epifanes Fibreglass Prep Cleaner Sanded with P220-240 and apply 1 or 2 primer coats first.** |
| **Bare wood** | **Clean, dry and degreased with Epifanes Spraythinner for Paint & Varnish Sanded with P220-240 and apply 1 or 2 primer coats first.** |
| **Bare steel** | **Clean, dry, fee of corrosion, degreased with Epifanes Cleaning Solution and sanded with P60 – P80. Apply 3 primer coats. Thin first coat on steel by 25%** |
| **Exsisting paint work** | **Well bonding, dry, degreased with Epifanes Spraythinner for Paint & Varnish and sanded with P220-P240.** |

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|---|---|---|
| **Appropriatie primers** | All substrates | Epifanes Multi Marine Primer |
| | Wood | Epifanes Woodprimer – Epifanes Undercoat |
| | New aluminium | Epifanes Washprimer AQ |
| **System Build up** | After priming, finish with 3 full bodied coats. In case of interior, use 3 coats of Yacht Enamel Flat Black. When using it for exterior, start with 1-2 coats of Mono-urethane and 1 coat of Yacht Enamel Flat Black. Lightly sand between coats with P400 or Scotch Brite. | |
| **Recoatability with other Epifanes products** | Epifanes Mono-urethane Yacht Paint | Epifanes Yacht Enamel |
| | Epifanes Non-skid deck coating | Epifanes Satin Finish |
| **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. | |

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