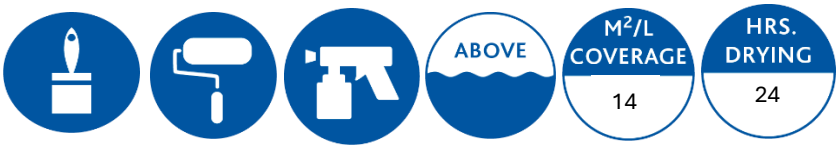
Epifanes Yacht Enamel

High gloss one-component yacht paint for above the waterline





PRODUCT DESCRIPTION

High gloss classical yacht coating with unique flow characteristics. This paint is very easy to apply at all temperatures, offers good gloss retention and is easy to maintain over time. Due to the blend of high quality pigments, it gives an excellent covering power.

Field of use: In a new system for wood, steel, aluminium and GRP in combination with the appropriate primer.
Note: On GRP Epifanes Mono-urethane gives a better (direct) bonding. Also suited for maintenance of existing intact one- and two-component paint systems above the waterline regardless of brand.

PRODUCT INFORMATION

Type	Oxidative drying
Base	Linseed oil / alkyd resin
Gloss	High Gloss
Colour	46 Standard colours. Custom made colours (RAL K7) are available on request
Density @ 20°C.	950 - 1300 gr. / dm^3 (depending on colour)
Viscosity @ 20°C.	110 - 120 seconds DIN-cup 4 mm (depending on colour)
Solids contents	55 -60 ± 2 vol. %
VOS-level	329 grams/liter
Packing	750ml. - various colours also in 2000ml. Custom made colours in 750ml. and 2000ml.
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	70 - 80 µm wet = 40 – 45 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	Long haired soft brushes of high quality , mohair and/or moltopren roller, conventional air spray.
Roll & Tipp	By roller apply ample wet filmthickness diagonally on the surface and quicky distribute. Continue by tipping the surface vertically by long haired soft brush without using pressure
Coverage Theoretical	14m^2 per liter @ 45 µm dry filmthickness

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EPIFANES® Yacht Coatings

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

Drying times	10°C. / 50°F.	15°C. / 59°F.	20°C. / 68°F	25°C. / 77°F.
Dustdry	8 hours	6 hours	4 hours	2 - 3 hours
Recoatable	48 hours	36 hours	24 hours	20 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 coat sufficient time to dry. Do not apply wet-on-wet!

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 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 film thickness 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 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 by hand.

Guidelines for spray application:

Thinning volume	Nozzle	Pressure	Viscosity DIN-cup 4 mm
5 15%	**1.2 mm – 1.5 mm**	**2 - 3 Bar**	**20 – 22 seconds**

Substrates

Bare GRP	**Clean and degreased with Epifanes Fibreglass Prep Cleaner and sanded with P220-240. Apply 1 or 2 primer coats 15% thinned.**
Bare wood	**Clean, dry and degrease with Epifanes Spraythinner for Paint & Varnish and sanded with P220-240. Apply 1 or 2 primer coats first. Thin first coat on bare wood by 25%**
Bare steel/ alum.	**Clean, dry, fee of corrosion, degreased with Epifanes Cleaning Solution and sanded with P60 – P80. Apply 3 primer coats. Thin first coat on bare steel by 25% .**
Exsisting paint work	**Well bonding, dry, degreased with Epifanes Spraythinner for Paint & Varnish and sanded with P220. Apply at least 2 coats. Thin first coat on existing paint work by 10%.**

Appropriatie primers	All substrates	- Epifanes Multi Marine Primer - Epifanes Undercoat
	Wood	- Epifanes Woodprimer.
	New aluminium	- Epifanes Washprimer AQ

System build up After priming, finish with 3 full bodied coats of Epifanes Yacht Enamel. Lightly sand between coats with P400 or Scotch Brite.

Recoatability Epifanes Mono-urethane Yacht Coating - Epifanes Nautiforte Yacht Coating - Epifanes Satin Finish
Epifanes Nonskid Deckcoating - Epifanes Waterline paint - Epifanes Flat Black

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 respons 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 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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