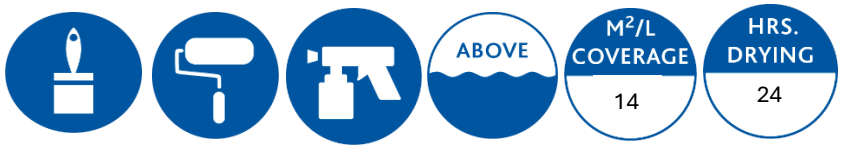
Epifanes Mono-urethane Yacht paint

Hard one-component high gloss yacht paint





PRODUCT DESCRIPTION

A hard, one-component, high gloss finishing yacht paint. Provides superior covering and filling, long lasting weather durability and high gloss retention. Offers rapid initial curing and provides (after through hardening) the application ease of a traditional enamel with the hard durability of an urethane resin based paint.

Field of use: GRP - Steel - Wood - Aluminium: suitable for interior and exterior use above the waterline in combination with the appropriate primer. Maintenance of existing one- and two-component systems regardless of brand. May also be applied on a well degreased and sanded intact fibreglass gelcoat without the use of a primer.

PRODUCT INFORMATION

Type	Oxidative drying
Base	Urethane resin / Alkyd resin
Gloss	High Gloss
Colour	24 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. %
VOC-level	284 grams/liter
Packing	750ml. - 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 (120 sq.ft. per 750ml.@ 1.5 mil dry film thickness)
Coverage practicle	Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.

W. Heeren & Zoon B.V.
Oosteinderweg 32
1432 AL Aalsmeer - Netherlands
Tel. ++ 31 0297 – 360 366
info@epifanes.nl

EPIFANES® Yacht Coatings

Drying times	10°C. / 50°F.	15°C. 59°F.	20°C./ 68°F.	25°C. / 77°F.
Dustdry	6 hours	4 hours	3 hours	2 hours
Sandable / recoatable	48 hours	36 hours	24 hours	18 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 Mono-urethane Yacht Paint. Lightly sand between coats with P400 or Scotch Brite.	
Recoatability	Epifanes Yacht Enamel	- 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. **DISCLAIMER OF WARRANTIES.** Selle no express warranties. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. In the event a warranty is created by law, buyer's EXC REMEDY shall be the replacement of any defective product. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to pe property, or any other incidental or consequential loss) shall be available to buyer.

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