

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 well degreased and sanded fiberglass 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 at 20°C.	0,95 - 1,30 g/cm ³ depending on colour
Viscosity	40 seconds ISO-cup 6 mm
Solids Contents	55 - 60 ± 2 vol. %
VOC-level	284 g/l
Packing	750ml. - Mono-urethane white also in 2000ml.
Shelf life	In closed unopened container stored in a dry room at temperatures between 5 - 30°C 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.

Drying times	10°C.	15°C.	20°C.	25°C.
Dust dry	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 35 µm dry filmthickness. Drying also depends on the amount of ventilation and applied wet filmthickness. Higher wet filmthickness and/or poor ventilation results in longer drying times. Especially horizontal parts may take longer to dry due to high wet filmthickness. Allow each coat sufficient time to dry. Do not apply wet-on-wet!

Theoretical coverage 14m² per liter @ 40 µm dry filmthickness

Practicle coverage 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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APPLICATION

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

Best results are achieved by 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 by hand.

Guidelines for spray application:

Thinning volume	Nozzle	Pressure	Visco DIN-cup 4 mm
5-15%	1.2 mm - 1.5 mm	2-3 Bar	20-22 sec.

Substrates	Bare GRP	Clean and degreased with Epifanes Fibreglass Prep Cleaner Sanded with P220-240. On intact GRP no primer is needed.
	Bare wood	Clean, dry and degrease with Epifanes Spraythinner for Paint & Varnish Sanded with P220-240. One or two primer coats
	Bare Steel	Clean, dry, free of corrosion and degreased with Epifanes Cleaning Solution Sanded with P60. Three primer coats
	Existing paintwork	Well bonding, dry and degreased with Epifanes Spraythinner for Paint & Varnish Sanded with P220-240. No primer is needed
Appropriate primer	All substrates	: Epifanes Multi Marine Primer - Epifanes Undercoat
	Wood	: Epifanes Woodprimer.
	New aluminium	: Epifanes Washprimer AQ (do not sand)

GRP	Steel	Wood	Aluminium
If needed 1 - 2 primer coats	3 primer coats	1 - 2 primer coats	1 - 2 primer coats

System build up	After curing, sand each primer coat with P180-220 before applying finishing coats After priming, finish with 3 full bodied coats of Epifanes Mono-urethane Yacht Paint. Lightly sand between coats with P400 or Scotch Brite. For further information about the recommended Epifanes system build up visit our website and download the step-by-step system information.		
Theoretical coverage	14m ² per liter @ 40 µm dry filmthickness		
Practicle coverage	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 products	Epifanes Yacht Enamel Epifanes Non-skid deck coating Epifanes Nautiforte Yacht Paint	Epifanes Satin Finish Epifanes Flat Black Epifanes Waterline Paint	
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.		

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