

Epifanes Poly-urethane Yacht Coating (all Colours)

A very hard two-component topcoat

Type	Chemical drying						
Base	Polyester saturated, aliphatic urethane						
Properties	A high gloss two-component yacht paint with excellent outdoor durability and weather resistance. Scratch resistant and very long gloss retention. Provides a perfect flow and easy application by brush, roller or spray.						
Field of application	GPR - Steel - Wood - Aluminium: Suited for topcoating two-component primer systems above the waterline. Also suited for epoxy resin treated surfaces. Can be applied directly on thoroughly degreased and sanded fibreglass. Intermediate coat on epoxy resins or epoxy paints prior to the application of traditional one-component paints.						
Colour	24 standard colours according to Epifanes colour fan Custom made colours available in high gloss and satin						
Gloss	Extreme high gloss						
Density	1.10 - 1.30 kg/dm ³ (dependant on colour)						
Viscosity	40 seconds ISO-cup 4 mm.						
Solids contents	45 - 50± 2 vol. %						
VOC-level mixed product	569 gram / liter						
Packing	500gr. base + 250gr. cure = 750gr. (standard colours) 2 kg. base + 1 kg. cure = 3 kg. (custom made colours)						
Mixing ratio by weight	2 parts base component A : 1 part curing component B						
Mixing ratio by volume	Dependent on colour						
Induction time at 20°C. / 65% RLV	5-10 minutes						
Potlife after mixing	<table border="1"> <thead> <tr> <th>at 12°C</th> <th>at 20°C</th> <th>at 30°C</th> </tr> </thead> <tbody> <tr> <td>4 - 6 hours</td> <td>3 - 4 hours</td> <td>2 - 3 hours</td> </tr> </tbody> </table>	at 12°C	at 20°C	at 30°C	4 - 6 hours	3 - 4 hours	2 - 3 hours
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Shelf life unmixed	In closed container stored in a dark location between 5- 25°C. approx. 2 years						
Conditions during application and drying	Temperature minimal 12°C. - maximum 28°C. Relative air humidity minimal 50% - maximum 75%						
Brush / roller thinner	Epifanes Poly-urethane Brushthinner Epifanes PU Slow Reducer						
Spraythinner	Epifanes Poly-urethane Spraythinner						
Thinner guideline	Add thinner after mixing both components. Thinning ratio depends on temperature of mixed product and work area.						
Application tools	Soft, longhaired brush (oval/full style) - conventional air spray. Use shorthaired mohair or fine foam rollers suited for P.U.						
Recommended filmthickness / coat	60-80 µm wetfilmthickness = 30-40 µm dryfilmthickness. For longterm outdoor durability and gloss retention a total of 100-120 µm dry fillmthickness should be applied. This equals 3 coats (4 coats if applied by roller).						

Application recommendations

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Distribute the paint by roller and brush out to a smooth paintfilm with a soft longhaired brush of good quality. Do not overbrush. Do not apply wet-in-wet. Do not apply excessive wet films to avoid the formation of curtains and drying problems. Avoid applying in direct sunlight or too much wind. A rapid loss of solvents will occur under these conditions and decrease the flowing ability.

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Theoretical coverage 12 m² per kg. @ 35 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.

Application details

	Air spray HVLP	Brush / Roller
Thinning volume	10	0-5%
Nozzle	1.3 mm	
Pressure	2-3	
Viscosity DIN-cup 4 mm	15 sec.	

Application remarks

Airless spray not advised. Pressure feed paint container: Pot life will be shortened due to temperature increase in the container.

Drying times @ 20°C. / 65% RAH and 35 µm dry filmthickness

Dustdry	Sandable	Recoatible	Through hardened
2 hours	24 hours	24 hours	7 days

Intercoat sanding

If subsequent coat is applied within 24 to 48 hours, intercoat sanding is not necessary. If recoated after 48 hours, sand with P360-400 wetordry abrasive paper.

One-component recoatability

After 24 hours and sanding with P 240-280 wetordry abrasive paper.

Epifanes Mono-urethane Yacht Paint - Epifanes Yacht Enamel
Epifanes Nautiforte Yacht Paint - Epifanes Nonskid Deckcoating

Substrate conditions

Intact well adhering cleaned, degreased and sanded two-component paint or primer systems

Recommended primers

GRP	Steel	Wood	Aluminium
Epifanes Poly-urethane Primer	Epifanes Epoxy Primer + Epoxy HB Coat	Epifanes Epoxy Primer or Epoxy HB Coat	Epifanes Epoxy Primer + Epoxy HB Coat
1-2 coats	3 coats	1-2 coats	1-2 coats

Remarks regarding primer system

Sand every primer coat with P 220 dry. On new aluminium, first apply one thin coat Epifanes Washprimer AQ.

Safety

The user of this product should obey all 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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