

Epifanes Polyurethane Topcoat

A two-component yacht paint with high resistance to wear and tear, various chemicals and loss of gloss. Suited for topcoating two-component primer systems above the waterline. Suitable substrates : steel, aluminium, fibreglass, epoxy resin treated wood. Can also be applied directly on thoroughly degreased and sanded fibreglass. Intermediate coat on epoxy

Type	Chemical drying
Base	Polyester saturated, aliphatic urethane
Colour	20 Standard colours according to Epifanes Colour card
Gloss	Ultra high gloss
Density	1.10 - 1.30 kg/dm ³ (dependant on colour)
Solids content	45 - 50± 2 vol. %

Drying times at 20°C / 65% RAH
at 30µm dft

Dustdry	Recoatable	Fully cured
2 hours	24 hours	7 days

Packing
Mixing ratio (by weight)
Induction time at 20°C (=65°F).
Potlife after mixing

500gr. base + 250gr. cure = 750gr
2 parts base (A) : 1 part cure (B).
30 minutes

at 10°C	at 20°C	at 30°C
4 - 6 hours	3 - 4 hours	2 - 3 hours

Application

	Air spray	Brush
Vol.% thinner	10	0- 5
Nozzle	1.4 - 1.8 mm	
Pressure (Bar)	3	
Viscosity Din Cup 4 mm	20 - 22 sec.	

Thinner

- brush / roller application
- spray application

Epifanes Polyurethane Brushthinner
Epifanes Polyurethane Spraythinner
Add thinner after mixing both components. Thinning ratio depends on temperature of the paint and working environment.

Application guide lines :

- Airless spray
- Pressure feed paint container
- Rollers
- Suggestion

Not advised
Pot life will be shortened due to increase of temperature in the container.
Use shorthaired mohair or fine foam rollers suited for P.U.
Distribute the paint by roller and brush out to a smooth paintfilm with a soft longhaired brush of good quality.

Theoretical coverage

Practicle coverage

12 m² per kg @ 30 µm dryfilmthickness
Dependant on application methode, kind and condition of substrate, loss of material due to shape of object, circumstances during application, etc.

Recommended wft per coat

60-80 µm (corresponding with 30-40 µm dft)

Suitable primers

Epifanes Epoxy Primer, Epifanes Epoxy Coating HS, Epifanes Epoxy Coating HB Airless.

Recoatability

Within 24 and 48 hours, without sanding. After 48 hours, lightly sand with wetordry abrasive paper nr. 360. May also be overcoated with Epifanes Yacht Enamel, Monourethane or Nautiforte (one-component) . In this case, sand Epifanes Polyurethane Topcoat with wetordry abrasive paper nr.

Application conditions :
temperatures and
relative air humidity

Work area	Paint	Substrate	Rel. Air Hum.
>12°C <30°C	>12°C < 30°C	>12°C <30°C	>50% < 80%