

PURO Poly-urethane 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 on steel, aluminium, fibreglass and epoxy resin treated wood.

Type	Chemical drying
Base	Polyester saturated, aliphatic urethane
Colours	Shades upon demand
Gloss	Ultra high gloss
Mixing ratio	2 parts base (A) : 1 part cure (B).
Induction time at 20°C. / 65% RAH	20 minutes
Potlife after mixing at 20°C. / 65% RAH	3-4 hours
Density	1.10 - 1.30 kg/dm ³ (dependant on colour)
Solids content	45 - 50 ± 2 vol.%
Drying times at 30µm dft	
- at 15°C / 65% RAH	Surface dry : 3 hours - through dry : 36 hours - fully cured : 18 days
- at 20°C / 65% RAH	Surface dry : 2 hours - through dry : 24 hours - fully cured : 14 days
- at 30°C / 65% RAH	Surface dry : 1.5 hours - through dry : 24 hours - fully cured : 12 days

Packing 2 kg. base + 1 kg. cure = 3 kg

Suitable primer system Cured PURO Epoxy Primer
Cured PURO Epoxy HB Coat
Cured PURO Poly-urethane Primer

Application	Conv. 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 PURO Polyurethane Brushthinner
- spray application PURO Polyurethane Spraythinner

Thinning guide lines Add thinner after mixing both components. Thinning ratio depends on temperature of the paint and working environment.

Film thickness Recommended wet film thickness (wft) : 60 - 80 µm
Recommended dry film thickness (dft) : 30 - 40 µm

Coverage
- Theoretical White and off white colours 9m² per kg. @ 30 µm dryfilmthickness
Black red and dark blue colours 12m² per kg. @ 30 µm dryfilmthickness
- Practicle Dependant on application methode, kind and condition of substrate, loss of material due to shape of object, circumstances during application, etc.

Application guide lines :
- Airless spray Not advised
- Pressure feed paint container Pot life will be shortened due to increase of temperature in the container.
- Rollers Use shorthaired mohair or fine foam rollers suited for P.U.
- Suggestion Distribute the paint by roller and brush out to a smooth paintfilm with a soft longhaired brush of good quality.

Application conditions :
temperatures and RAH Within 24 and 48 hours, without sanding. After 48 hours, lightly sand with wetordry abrasive paper nr. 360. May also be overcoated with one-component topcoats. In this case, sand PURO Polyurethane Topcoat with wetordry abrasive paper nr. 320. Apply between 12°C - 30°C. . Relative air humidity between 50– 75%.

Handling Handle with care. Stir well base component A. prior to mixing both component to a homogenous substance.. Allow 20 minutes induction time

Storage Keep container in dry, cool, well ventilated areas away from heat sources and/or ignition. Keep container tightly closed.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control. We cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.