

TROPICAL

HIGH GLOSS UV VARNISH BASED ON TUNG-OIL AND PHENOLIC-MODIFIED ALKYD RESINS

A classic very high gloss clear marine varnish formulated with special oils providing excellent flow and brushability. Specifically recommended for application on marine plywood and resinous tropical wood with outstanding adhesion on a previously well cleaned substrate (e.g. teak, iroko). Performs a high build film of extreme gloss with long lasting resistance even in tropical environment. Applied on wooden boats and wooden parts designed for the boating industry.

TECHNICAL CHARACTERISTICS		APPLICATION DATA	
Paint type	One component	Application:	Thinning:
Binder type	Tung oil-Phenolic-Alkyd resins	Brush, Roller	10-15% Thinner 107 or 109*
Code & colour	6XUV00 Clear (amber)	Spray	10-20% Thinner 900
Specific gravity kg/lit (±0.05)	0,940	Touch dry	8-12 hours (20°C)
Solids content (volume) ±2	56%	Recoat time **	24-36 hours (20°C)
Viscosity Ford ø 6 at 20°C ±2	60-90 sec.	Application temperature	Between +10°C and +40°C
Shelf life (+10+30°C)	18 months in airtight cans	Relevant humidity	Lower than 80%
		Dry film thickness advised	40 microns per coat
		Theoret. coverage m2/Lt	12-13

* In the summer season or when temperature is above 20°C, it is recommended the use of Thinner 109 for brush application.

** Do not apply "wet on wet" or high thickness in a single coat to avoid non-drying or wrinkling problems

SURFACE PREPARATION AND COATING SYSTEM

Bare Wood.

The surface should be clean and dry, sandpapered and dusted off. Apply a first coat of TROPICAL varnish onto bare wood, widely diluted (50-70% or more depending on wood absorption) in order to allow the varnish to penetrate into the wood substrate.

(As an alternative, one coat of POLIGLASS two-component varnish - diluted 50-100% with Thinner 203 - depending on wood absorption - can be applied; care should be taken in order to keep the woodgrain open to enable the application of the subsequent coats of TROPICAL).

Overcoat then with 4-5 coats of TROPICAL to obtain a high quality gloss finish, paying attention not to exceed the recommended thickness for each coat and allowing the required recoat time between coats.

Previously Varnished Wood.

-If the old varnish is in poor conditions, loose or powdery, it should be mechanically removed. Clean the surface well and follow application directions as per bare wood.

-If the old varnish is in good condition of adhesion to the substrate, showing no cracks or bubbles, and it only needs a topcoat, clean, degrease and sandpaper the surface with medium-fine abrasive paper. Then apply 2-3 coats of TROPICAL varnish to obtain a high quality gloss finish, paying attention not to exceed the recommended thickness for each coat and allowing the required recoat time between coats.

SAFETY PRECAUTIONS

Before starting the application please read carefully all the safety precautions stated on the label of each can. A Safety Data Sheet of the product is also available on request. For further information please do not hesitate to contact our Technical staff. www.aemmecolori.it

NOTE

The above information is given to the best of our knowledge but since the conditions of use of our products are beyond our control, no warranty is given or to be implied in respect of such information. Our technical staff can be contacted to study customer's specific requirements involving our products in order to enable their most effective use. Dilution rates and drying times are to be considered only indicative, mainly related to a temperature of 20°C (68°F), and may be subject to changes according to prevailing temperature, in presence of particular weather conditions or due to application procedures that may be effective at time of application. Rev.24-10-19



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