



## EPIFANES CLEAR GLOSS VARNISH

Faster build-up, longest lasting!

<b>Type</b>	Traditional marine varnish, based on tung oil, phenolic-modified alkyd resins and maximum U.V. absorbers.	
<b>Color</b>	Clear Amber	
<b>Gloss</b>	Ultra high gloss	
<b>Recommended use</b>	For long lasting protection of all marine or household woods. Interior and exterior wood above the waterline. Maintenance of existing, intact, one and two-component varnish systems. Anywhere a deep high gloss finish is desired.	
<b>Film characteristics</b>	Superior flow, gloss and durability. Excellent flexibility and water resistance in all climatic conditions. High build capability. Renowned for its high gloss retention and weather durability. This varnish lasts! Even in tropical climates!	
<b>Container Size</b>	250 ml., 500 ml., 1000 ml., 5000 ml.,	
<b>Density</b>	0.92 kg./liter	
<b>Solids Content</b>	55 +/- 2 vol. %	
<b>Recommended film thickness</b>	Per coat wet - 50 micron Per coat dry - 30 micron	
<b>Application</b>	Brush, roller, conventional air spray, H.V.L.P., airless.	
<b>Drying times at 65F / 65% RH</b>	Tack free - 3 hours Dry - 12 hours	Tape free - 24 hours Recoatable - 24 hours
<b>Spray Application</b>	Conventional air: Thin as needed up to 20% with Epifanes Spray Thinner for Paint & Varnish. Spray viscosity 18 - 22 seconds Din Cup 4, 14 - 18 seconds Ford Cup 4. Nozzle 1.5 mm. - 1.8 mm. Pressure 2 - 3 Bar.	
<b>Additives</b>	Epifanes Accelerator, Epifanes Retarder	
<b>Application conditions</b>	Temperature should be between 50F. and 85F. during application. Air humidity below 85%. Avoid varnishing in too much wind or sun. A rapid loss of solvents will occur under these conditions and will decrease the flowing ability. Add thinner up to the specified percentage to compensate for the faster release of solvents. Epifanes Clear Gloss Varnish is compatible with most other types of one-component alkyd or urethane based varnishes and over two-component varnishes. Any existing finish must be intact, degreased and sanded prior to recoating.	

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## One-component clear varnish system on wood above the waterline

### Surface Preparation:

Bare wood must be clean, dry and free of grease etc. Degrease with Epifanes Spray Thinner For Paint & Varnish or denatured alcohol. Wiping down with mineral or white spirits, may leave an oily residue. Do not use water. Sand the bare wood to a fresh surface with 60 - 80 grit dry abrasive paper with the grain of the wood. A block may be used to assist in fairing the surface. Finish sand with 100 - 120 grit dry abrasive paper. If desired, stain the wood at this time with a good quality oil or water based stain. Do not color the varnish itself as this will create a muddy appearance. Brush application with a good quality, clean, natural bristle brush will give good results. Try an Epifanes brush for the ultimate varnishing experience. Foam brushes are convenient on smaller projects however, are not suitable for larger jobs. "Roll and tip" is a great method for large flat areas. 3" foam roller followed by a bristle brush is the best combination.

Coats	Product	Thinner	Thinning Ratio %	Drying Time in hours	Abrasive paper grit	Abrasive paper type	Approx. coverage /	Remarks
First	Epifanes Clear Gloss	Brush Thinner For P&V	50	24 at 65F.	220	Dry	150 - 300 sq. feet	Do not sand through the stain
Second	Epifanes Clear Gloss	Brush Thinner For P&V	25	24 at 65F.	280	Dry	150 - 250 sq. feet	Sand by hand. Machines can be too aggressive.
Third	Epifanes Clear Gloss	Brush Thinner For P&V	15	24 at 65F.	320	Dry	150 - 200 sq. feet	
At least 4 more	Epifanes Clear Gloss	Brush Thinner For P&V	0 - 5	24 at 65F.	320-400	Wet or Dry	150 sq. feet	

### Maintenance:

If existing coats of varnish are intact, one or more coats may be applied on a well cleaned, degreased and lightly sanded surface. For annual maintenance, apply a minimum of one or two coats of Epifanes Clear Gloss Varnish, following surface preparation instruction. The number of maintenance coats needed depends on the condition of the varnish system. Epifanes Clear Gloss Varnish may also be applied on any well cleaned, degreased and sanded two-component varnish. The weather and atmospheric conditions to which the finish is subjected will determine the amount of time between coats. An existing varnish system in poor condition must be removed. Weathered spots may be treated with a cleaning or bleaching product. If either are used, wash down the surface thoroughly with fresh water in order to remove any residue. Allow the surface to dry. Smaller spots needing repair may be filled with several coats of varnish. When an equal level has been achieved, sand to a smooth surface and apply one or more coats of varnish on the entire surface.