



EPIFANES POLYURETHANE CLEAR SATIN

Hard, rich satin sheen!

Type	Two-component clear satin finish based on unsaturated polyesters.	
Color	Water clear	
Gloss	Rich satin sheen	
Recommended use	For interior use above the waterline. Finishing coat over Epifanes Polyurethane Clear Gloss Varnish.	
Film characteristics	Superior flow, gloss and durability. Excellent resistance to abrasion, weathering, chemicals and loss of gloss. The outstanding flow characteristics make this two-component varnish highly suitable for both brush and spray application.	
Container Size	750 gr. (500 gr. base + 250 gr. reactor = 750 gr. mixed) 2:1 mix by weight.	
Density	1.08 kg./liter mixed	
Solids Content	45 +/- 2 vol. %	
Recommended film thickness	Per coat wet - 80 micron Per coat dry - 35 micron	
Application	Brush, roller (phenolic core), conventional air spray, H.V.L.P.	
Drying times at 65F / 65% RH	Tack free - 1 hour Dry - 24 hours	Tape free - 18 hours Recoatable - 24 hours
Spray Application	Conventional air: Thin as needed up to 10% with Epifanes Polyurethane Thinner For Spray. Spray viscosity 20 - 22 seconds Din Cup 4, 16 - 18 seconds Ford Cup 4. Nozzle 1.6 mm. - 1.8 mm. Pressure 2 - 3 Bar. Apply light tack coat to fully wet the surface. Allow 15 - 20 minutes to dry, then coat the entire surface. Airless spray not recommended.	
Additives	Epifanes Polyurethane Retarder	
Application conditions	Temperature should be between 60F. and 80F. during application. Air humidity below 70%. 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.	

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Two-component interior satin varnish system on wood above the waterline

Surface Preparation:

Fill the bare wood to a smooth surface with Epifanes Polyurethane Clear Gloss. Approx. 3 - 4 coats. These sealer coats provide maximum durability and U.V. protection (see leaflet on Polyurethane Clear Gloss for application instructions). A build up of gloss also produces a finish with more depth and clarity. After build up, degrease with Epifanes Spray Thinner For Paint & Varnish or denatured alcohol and sand coat with 320 or 400 grit wet or dry abrasive paper. Brush application with a good quality, clean, natural bristle brush will give good results. Try an Epifanes brush for the ultimate varnishing experience.

Coats	Product	Thinner	Thinning Ratio %	Drying Time in hours	Abrasive paper grit	Abrasive paper type	Approx. coverage /	Remarks
First	Epifanes Polyurethane Clear Satin	Brush Thinner For Polyurethane	0 - 5	24 at 65F.	320 - 400	Wet or Dry	130 sq. feet	If recoated within 48 hours, sanding is not required.
Second	Epifanes Polyurethane Clear Satin	Brush Thinner For Polyurethane	0 - 5	24 at 65F.	320 - 400	Wet or Dry	130 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. Alternatively, the last two coats of Epifanes Polyurethane Clear Satin Varnish may be replaced with two coats of Epifanes Rubbed Effect Interior Varnish. Allow 24 hours between coats and sand with 320 - 400 grit wet or dry abrasive paper. The one-component finish may be preferred if a more elastic topcoat is desired or required. The one-component finish also provides easier maintenance.