

Two-component high gloss UV varnish system (mahogany / meranti)

General surface preparation

Cleaning

Make sure that the wood is dry and free of all dirt, wax or other contamination before paint, varnish or stain is applied. Oily, resinous types of wood, like pine and oregon pine must be well degreased with Epifanes Surface Cleaner or acetone. Mahogany and Meranti may be degreased with Epifanes Spraythinner for Paint & Varnish. Allow to fully evaporate.

Sanding

Subsequently sand the bare wood to a fresh surface using P100-220 dry abrasive paper. In case of very rough and uneven surfaces, first sand with P60-80 dry. Always sand along the wood grain. Remove all dust and degrease once more.

Tinting wood

To provide a warm mahogany color on faded wood, apply 1 to 3 thin coats Epifanes Classic Mahogany Stain. Allow a minimum of 2 hours between coats. For best result apply by soft longhaired brush along the wood grain. Avoid spills. After staining, all Epifanes one-component or two-component varnish systems can be applied.

Product: Epifanes Poly-urethane Clear Gloss with UV filter



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After surface preparation:	Step 1	Step 2	Step 3	Step 4
Product	EPIFANES Poly-urethane Clear Gloss	EPIFANES Poly-urethane Clear Gloss	EPIFANES Poly-urethane Clear Gloss	EPIFANES Poly-urethane Clear Gloss
Number of coats	1	1	1	At least 2
Thinner	EPIFANES Poly-urethane Brushthinner	EPIFANES Poly-urethane Brushthinner	EPIFANES Poly-urethane Brushthinner	EPIFANES Poly-urethane Brushthinner
Percentage	25%	10-15%	5-10%	0-5%
Drying time @ 18°C	24 hours	24 hours	24 hours	24 hours
Abrasive paper	P220 - dry	P220 - dry	P3200 - dry	P400 - wetordry
Remarks	For varnish penetration inside the wood fibres, apply this first coat 25% thinned.	Second penetration varnish coat. Apply this coat within 48hours. In case of overcoating after 48 hours, always first sand.	Remark for all PU coats: Apply each Poly-urethane coat between 24-48 hours without sanding. In case of overcoating after 48 hours, always first sand.	The application of more coat will deepen the luster and prolong the gloss retention of the varnish system. After 48 hours always sand.