

Two-component isolating high gloss UV varnish system (all wood types)

General surface preparation of wood

Make sure that the wood is dry and thoroughly degreased. Moisture content must not exceed 17%. Wipe down the wood with Epifanes Thinner for PP varnish Extra, acetone or other aggressive degreaser and allow to evaporate. Use multiple (paper) towels and turn them regularly. (Do not use water!). Sand the wood to a fresh surface with dry abrasive paper P60-80. Subsequently sand with finer grits from P100 to P220. Always sand along the wood grain. Remove all sanding dust and degrease once more. Allow to fully evaporate before applying varnish.

General varnishing on tropical wood

Tropical oily and resinous hardwood types such as teak and iroco can be more difficult for varnishes to adhere to properly. On these wood types a one-component breathing varnish or isolating two-component varnish system is advised. Below the two-component isolating system with Epifanes PP Varnish Extra as bonding and grain filling base varnish.

Products: Epifanes PP Varnish Extra + Epifanes Poly-urethane Clear Gloss Varnish with UV filter



Two-component isolating high gloss UV varnish system (teak – iroco)

After surface preparation:	Step 1	Step 2	Step 3
Product	EPIFANES PP Varnish Extra	EPIFANES PP Varnish Extra	EPIFANES Poly-urethane Clear Gloss Varnish
Number of coats	1	3 or more	3
Thinner	EPIFANES Thinner for Epifanes PP Varnish Extra	EPIFANES Thinner for Epifanes PP Varnish Extra	EPIFANES Poly-urethane Brushthinner
Percentage	25%	0-5%	0-5%
Drying time @ 18°C	2-3 hours	2-3 hours	24 hours
Abrasive paper	Wet-on-Wet, no sanding	P220 - dry	P400 - wet
Remarks	For varnish penetration inside the wood fibre, apply this 1st. coat 25% thinned. Attention: on non-tropical wood types and Multiplex, thin first coat 30-40%.	These are building and grain filling base coats. Depending on the open structure of the wood, more coats may be necessary. Intercoat sanding is optional (P220-280). Always sand final coat PP Varnish Extra with P 280 before going to step 3.	These 3 final coats provide the required extra UV protection. The application of more coats will deepen the lustre and prolong the gloss retention and longevity of the varnish system.

Note: For a more flexible/elastic one-component finish, the Poly-urethane coats in step 3 may be replaced by 3 or more coats Epifanes Clear Varnish.