

IMPERIA EPOXY BLOCK PRIMER

Imperia Epoxy Block Primer is a 2 component product used for treatment of Wood and its derivatives before Wood Coating application begins. It prevents leaching from wood and its derivatives, addresses non-drying problems, improves adhesion and prevents peeling off coatings.

APPLICATION PROCEDURE

Sanding – Sand the seasoned wooden surface using sand paper no. 120/150 along the grains. Repeat the sanding for a smoother finish with a finer grade of sand paper no. 220/320 and then wipe off all the loose dust particles.



Application – Apply the 1st coat of Imperia Epoxy Block Primer by carefully following the recommended mixing proportions of the base and the hardener in the ratio of 1:1. No dilution is required. Maintain spraying viscosity of about 14-17 seconds. Lightly sand both coat with 400 grit emery paper before application of subsequent coats. It can also be applied by cloth but spraying is preferred.

Apply the mixed contents by spraying, leaving inter-coat period of 1-1.5 hours (should not exceed 24 hours) before the application of the 2nd coat. Light sand the surface of the substrate after the application of Imperia Epoxy Block Primer.



USES OF EPOXY BLOCK PRIMER:



Resins in wood try to leach out



Tannins in wood try to leach out



Without Epoxy Block Primer



With Epoxy Block Primer

EPOXY BLOCK PRIMER IS A MUST TO BLOCK RESINS & TANNINS:



Because of oil migrating to the top, film gets uneven and easily gets smudgy



Either for adhesion failure or oil migrating to the top, film starts to peel off

NB:Has to be mandatorily used before all 2k PU/Polyester applications.

One important thing to take care of in Epoxy Block Primer application is that this should always be done after completing the Fill-O-Dent work & properly sanding the Fill-O-Dent coat. The reverse would lead to adhesion failures.

TECHNICAL DATA:

Properties	Epoxy Block Primer -Base	Epoxy Block Primer - Hardener
Viscosity, in seconds, Ford Cup B4	16 ± 2	15 ± 2
Specific Gravity, gm/L	0.94 ± 0.01	0.96 ± 0.01
Mixing Ratio	1:1	
% Thinner Intake	No thinner required	
Gloss Values at 60°C	Not applicable	
Surface Dry	<30 minutes	
Tack-free Time	<45 minutes	
Hard Drying	Overnight	
Fire Hazard Class	Flammable	
Flash point	Above 4°C (Abel Closed Cup)	

PRECAUTION:

- The base and hardener should be preserved in tightly closed respective containers and preferably consumed within one week of opening.
- During application, mask the adjoining areas to avoid sprayed particles from falling on them.
- For removing stains and spray dust on the adjoining metal or tiled surfaces, use Berger T80 or T12 thinners.