

EAZY PU HS Wood Primer

High performance, high solids wood & MDF polyurethane primer with filling properties

A two component, solvent based, flexible, high build, high solids wood & MDF primer. This product provides MDF & wood surfaces with remarkable surface smoothness and sanding properties by both machine and hand sanding.

EAZY PU HS Wood Primer has very high surface coverage and edge sealing characteristics with excellent humidity/moisture resistance.

Intended Uses:

EAZY PU HS Wood Primer is intended as a high-performance premium quality primer for high end applications including shopfitting, kitchens, bathrooms, and interior fitouts.

Properties:

- EAZY to use
- Fast drying
- Very high surface coverage & edge sealing characteristics
- Excellent sanding
- High build
- Flexible
- Excellent adhesion
- Excellent humidity/moisture resistance.

Technical Data:

Composition	Modified polyurethane			
Colour	White and light colours			
Pack Size Comp. A	4 Lt and 16 Lt			
Density Comp.A (White)	1.55			
Mass Solids Comp.A	70%			
Mixing Ratio Volumetric & Gravimetric	Comp. A	Comp. B	Volume	Mass
	EAZY PU HS Wood Primer Comp.A	EAZY PU HS Wood Primer Activator Comp. B	4:1	100:160
Solvent / Diluent	PU Thinner			
Pot Life @ 20°C	2-3 Hours			
Recommend Spray Viscosity	18 – 30 Second FC4			
Recommended wet film thickness per coat	150 to 350 gm / m ²			
Number of coats	Minimum 2			
Storage	Store out of direct sunlight in dry conditions between 15°C and 25 °C			
Shelf Life	12 months when stored as recommended in original un-opened containers			
Clean Up	Solvent EA			
Drying time @ 25°C	30 minutes – TOUCH DRY			
	6 hours – Sanding			
	16 Hours – Stacking & Overcoating			
	7 Days – Full Cure			
Optimal Application Temperature	Surface - Minimum 20°C – Maximum 35°C Ambient – Minimum 20°C – Maximum 30°C Relative Humidity Minimum 10% - Maximum 85%			

Wood Finish: Polyurethane Lacquers

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.

Substrate	Primer	Instruction
MDF	EAZY PU HS Wood Primer	For Matt/Satin finishing, sand with P320 or finer For Gloss finishing, sanding with P500 or finer

Mixing:

Where mixing by volume or by mass, ratios should be carefully followed. Start by mixing Comp. A with a flat paddle or electrical mixer to ensure a uniform mixture. There should be no settlement in the can, this can result in inconsistent gloss levels. Once well mixed, add Comp. B while stirring slowly, avoid mixing in air. Mix well for 3 minutes.

Once mixed the viscosity of the mixed material should be adjusted to 20 – 22 seconds FC4 for conventional spray and 25 – 30 seconds for Airless or AirMix Spray.

Always add the same amount of diluent for every mix to avoid finish variations.

Application:

- Designed for spray application only.
- 1.2 to 1.6mm needle size for conventional spray is recommended.
- 10 to 15 thou nozzle size for airless spray is recommended.
- Pressure should be adjusted to ensure fine atomization.

Curing:

Full mechanical & burnish resistance will take up to 7 days to develop at 25°C.
Baking at 60 degrees Celsius for 1 hour (after flashing off) will develop full cure properties.

Caution:

- Only use recommended solvents/diluents to avoid gelling or colour variations
- Always consult with technical department if unsure
- Refer to product MSDS for health & safety prior to using products
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.