

TIMBERCOAT

TIMBERCOAT PREMIUM POLYURETHANE GLOSSY CLEAR-EXTERIOR/INTERIOR

TYPE	Polyurethane based
FEATURES	Two pack system, base & hardener packed separately & supplied to be mixed prior to application.
RECOMMENDED USE	This is designed to use as clear coat mainly for exterior/interior wooden application includes external articles, exterior door & window frames etc. It is medium solid clear with fast drying properties gives good gloss, hardness & slip. Exterior quality have UV & HALS additives which imparts outstanding durability.

PRODUCT DATA


COLOUR	Water white to pale yellow	RECOMMENDED COATS	2 Coats
APPEARANCE	Clear transparent liquid	FINISH	Smooth & Glossy
% NON VOLATILES	46±2%	POT LIFE at 30°C	2-4 hrs at 30°C
WT/LITRE @ 30°C	0.97±0.03		
MIXING RATIO	Base : Hardener = 3:1 by volume		

SURFACE PREPARATION

All the wooden surfaces to be coated should be sanded with emery #180 to remove loose lint, particle and dust. Wipe off clean & apply a coat of Timbercoat transparent wood filler. Allow to dry for 2-3 hrs. Apply wood stains if required. Sand the surface with emery #220 and wipe it clean. Apply two coats of Timbercoat Premium PU sealer exterior/interior at the interval of minimum 8-12 hrs between the coats. Sand every coat with emery #320. Apply another coat of sealer if required to further fill up the grains. Sand it with emery #320 followed by #400 and wipe off clean.

DRYING TIME AT 30°C AND RH 70%	Surface Dry : 20-25 min. Dry to handle : 2-3 hrs. Hard Dry : 18hrs Overcoating : minimum 16 hrs. Full Cure : 7 Days	FLASH POINT	Above 23°C
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APPLICATION DATA

APPLICATION BY	 Spray	RECOM. THINNER	Esdee PU Thinner ST-16
By conventional spray at mixed viscosity		THINNER INTAKE	25-30% by volume
		PRECEDING COAT	Timbercoat Premium PU Sealer
		THEORETICAL SPREADING	Depends on the porosity & absorbency of the surface

PROPERTIES (of system after complete cure)

ADHESION	Excellent	PACKING	 1 Ltr.  4 Ltr.
WEATHERABILITY	Excellent		