

PU White Glossy

Product code: E/1548

Color: White

Finish: Glossy

Composition and Application Field

Two components Polyurethane Coating Full gloss with outstanding hardness, scratch resistance, DOI, Best-in-class depth of gloss and lustre.

Product Preparation

Catalyst	by weight	by volume	with hardener
	50%	65%	E/1004 standard
	50%	65%	E/1008 NY

Additives Not necessary in normal conditions

Pot Life 6hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/622 50-70%.
 Curtain Coater: Dilute with PU thinner E/614 or E/630 at 50%.
 In case of hot and humid climate, add 2-5% of E/646.

Technical Characteristics

Physical Properties

Specific gravity	1.3	(± 0,025) Kg/l
Visc. Ford 4/ 25°C	130	(± 5) Sec.
Weight solids	68%	(± 2) Kg/Kg
Weight solids blended	59%	(± 2) Kg/Kg
Flash Point	> 21	°C
(Abel Pensky closed cup)		

Application Rate 130gr/m² (per coat)

Drying @25°C

Dust free	15 mn
Touch drying	60 mn
Interval coat	3 hrs
Deep drying	24 hrs
Polish	48 hrs

Dry Film Characteristics

Mechanical Characteristics

Gloss 60°.....	100 on polyester basecoat (ASTM D523/67)
Hardness	Excellent
Antiscratch.....	Very good
Plasticity.....	Good

Surface Preparation

It can be used on veneer substrates, solid wood, MDF, treated with pigmented polyurethane or polyester basecoats. Apply two or more coats according to the desired covering. After drying, sand the basecoat with sanding paper 320 grain followed by 400 grain type; be sure do not leave any sanding residues (or other) on substrate before application of the glossy top-finish.

Application Method

By spray: Use a spray gun with 1.8 -2 mm nozzle at 3-4 atm/bar of pressure. It can be used even airless or air-mix equipments.
 By curtain: It is very important to keep controlled the viscosity during the application, adding PU thinner to compensate the solvents evaporation. The glossy finish can be applied in one coat, or in two coats 2 hours interval without sanding.

Subsequent Treatments

After drying this product, it does not need any particular subsequent treatment, except for the eventually brushing and polishing treatment using proper abrasives.

Packing

Available in 1, 5, 25 Kg.

Storage

If the drum is hermetically closed and well stored at 25°C, the product have 18 months of shelf-life.
 The hardeners have 6 months of shelf-life.