

PU Pigmented Glossy

Product code: E/1535-Color

Color: Varieties of Color

Finish: Glossy

Composition and Application Field

Polyurethane resin based two components, glossy, with a very good solid contents and build, extreme brightness and hardness. This is a versatile product, possible to apply with different hardeners for varnish wooden surfaces etc...

Product Preparation

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

Additives Not necessary in normal conditions

Pot Life 6hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/614 or E/630 at 50-70%.
Curtain Coater: Dilute with PU thinner E/614 or E/630 at 50%.
In case of hot and humid climate, add 5 -10% of PU retardant thinner E/622.

Technical Characteristics

Physical Properties

Specific gravity	(according to color)	0.99-1.3	(± 0,025) Kg/l
* Visc. Ford	(according to color)	430-130	(± 5) Sec.
4/ 25°C			
Weight solids	(according to color)	41-67%	(± 2) Kg/Kg
Weight solids blended	(according to color)	35-58%	(± 2) Kg/Kg
Flash Point		21	grades centigrade
(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	48 hrs
Polish	48 hrs

Dry Film Characteristics

Mechanical Characteristics

Gloss 60°	100 on polyester basecoat (ASTM D523/67)
Hardness	Very Good
Antiscratch	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 220 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.

Note

Using this product with E/1004, it can treat even handicraft outdoor exposed (be sure to use basecoats goods for this varnishing cycle). In this case take care to cover with varnish all the exposed parts, to prevent any type of infiltration. Only like this it is possible to have a product with good outdoor resistance, to take away in the time the defiling of the varnish.

Packing

Available in 1 ltr, 5ltr, 25ltr.

N.B: We fill 1kg per ltr.

Storage

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