

PU Full Gloss Clear Anti-Scratch

Product code: E/1539
Color: Transparent
Finish: Glossy

Composition and Application Field

Clear polyurethane one components glossy product, endowed with excellent covering properties and optimum brilliant finish. Due to its high solid content, it provides a U.V. resistance to weathering and some limited acid spillage. Highly recommended furniture such as beds, cabinets, chairs, sofas, doors and frames turned pieces and likes. It has a very high scratch properties

Product Preparation

Additives Not necessary in normal conditions

Dilution

We have to add thinner E/622 @ 20%.

Technical Characteristics

Physical Properties

Specific gravity	0.99	(± 0,025) Kg/l
* Visc. Ford	13	(± 5) Sec.
4/ 25°C		
Weight solids	53%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 120gr/m² (per coat)

Drying @25°C

* Dust free	25 mn
Touch drying	60 mn
Interval coat	2 hrs
Deep drying	24 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 equipment's. 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. After 2-3 hrs. it is necessary to sand between coats to avoid any inconvenience.

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

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.

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.