

PU Clear Matt

Product code: E/158X

Color: Transparent

Finish: Matt

Composition and Application Field

Clear polyurethane matt finish endowed with very good covering, transparency, plasticity and hardness. Indicated to varnish furniture, doors, furnishing components.

Do not use for exterior.

Available in the following version:

E/1580	6±1% Gloss
E/1581	12±3% Gloss
E/1582	30±5% Gloss
E/1583	50±5% Gloss
E/1584	70±5% Gloss

Product Preparation

Catalyst	by weight	by volume	with hardener
	50%	50%	E/1003 standard or E/1005 highest grade
	50%	50%	E/1009 NY

Additives Not necessary in normal conditions

Pot Life 3hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/613 at 20-30%.

Curtain Coater: Dilute with PU thinner E/613 at 20%.

In case of hot and humid climate, add 5 -10% of PU retardant thinner E/622.

Technical Characteristics

Physical Properties

Specific gravity	0.97	(± 0,025) Kg/l
* Visc. Ford	60	(± 5) Sec.
4/ 25°C		
Weight solids	47%	(± 2) Kg/Kg
Weight solids blended	35%	(± 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	30 mn
Interval coat	3 hrs
Deep drying	24 hrs

Dry Film Characteristics

Mechanical Characteristics

Gloss 60°	From 5 to 70 (ASTM D523/67)
Adherence	Good (on sanded substrates)
Hardness	Very Good
Antiscratch.....	Good

Surface Preparation

It can be used on transparent basecoats PU or polyester based one or more coats according to desired covering. Good sanding of basecoat is necessary before application of the top finish.

Application Method

By spray: Use spray gun with 1.8-2 mm. nozzles at 3-4 atm/bar. Air mix and airless pumps may also be used. In this last case do preliminary test. For spray application, reduce at 20-30% with PU thinner.

By curtain: The most important thing is to keep controlled the viscosity during the varnishing, adding some PU thinner to compensate the evaporation of solvents.

Subsequent Treatments

After drying this product, it does not need any subsequent treatment.

Note

Apply the top finish on substrates well sanded and without any residues of sanding.

Packing

Available in 1 ltr, 5ltr, 25ltr.

Storage

If the drum is hermetically closed and well stored at 25°C, the product has one year of shelf-life.

The hardeners have 6 months of shelf-life.