

PU Pigmented Matt

Product code: E/158X-Color

Color: variety of colors

Finish: Matt

Composition and Application Field

Pigmented polyurethane matt top finish, endowed with good drying, very good covering and softness. It is indicated to varnish furniture and frames and every wooden parts where lacquering is requested.

Do not use for manufactured outdoor exposed.

Available in the following version:

E/1581-Color	6±1% Gloss
E/1580-Color	12±3% Gloss
E/1582-Color	30±5% Gloss
E/1583-Color	50±5% Gloss
E/1584-Color	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	0.99-1.24	(according to the color)	(± 0,025) Kg/l
* Visc. Ford	60-150	(according to the color)	(± 5) Sec.
4/ 25°C			
Weight solids	41-64%	(according to the color)	(± 2) Kg/Kg
Weight solids blended	35-50%	(according to the color)	(± 2) Kg/Kg
Flash Point	21	grades centigrade	
(Abel Pensky closed cup)			

Application Rate 140gr/m² (per coat)

Drying @25°C

* Dust free	10 mn
Touch drying	50 mn
Interval coat	3 hrs
Deep drying	24 hrs

Dry Film Characteristics

Mechanical Characteristics

Gloss 60°From 5 to 70 (ASTM D523/67)
PlasticityGood
HardnessGood

Surface Preparation

This can be applied on pigmented polyester or polyurethane products; one or more coats depending on the substrate and desired covering. Sand very well the surface before application of the top finish. Apply evenly.

Application Method

By spray gun: Use spray gun with a 1.6 - 1.8 mm. nozzle at 3-4 atm/bar. Airless and air-mix equipments may also be used.

Curtain Coater: The most important thing is to keep the starting viscosity on right value, adding some thinner to compensate the evaporation.

Apply 1 or 2 coats of product (without sanding between, waiting 60-90') according to the desired covering.

Subsequent Treatments

After drying this product do not need particular subsequent treatment. In case of ageing treatment request, contact our Technical Department or consult Technical Data Sheet relative to the products mentioned.

Note

When retardant thinner is used (critical condition of temperature) the gloss value can be increased a bit (5 gloss more).

Do not apply more than 2 coats of top finish. Respect interval coats, drying time and quantity suggested.

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.