

PU Clear Matt

Product code: E/157X

Color: Clear

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/1570 6±1% Gloss
- E/1571 12±3% Gloss
- E/1572 30±5% Gloss
- E/1573 50±5% Gloss
- E/1574 70±5% Gloss

Product Preparation

Catalyst by weight by volume with hardener
 50% 50% E/1016 standard

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 | 45 | (± 5) Sec. |
| 4/ 25°C | | |
| Weight solids | 42% | (± 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 have 18 months of shelf-life.
 The hardeners have 6 months of shelf-life.