

PU White Matt Antiscratch

Product code: E/153XSP

Color: White

Finish: Matt

Composition and Application Field

Pigmented polyurethane matt finish endowed with high coverage, extreme brightness, plasticity, and high scratch resistance. Indicated to varnish furniture, tables, writing tables, flat and assembled furniture.

Available in the following version:

- E/1530 6±1% Gloss
- E/1531 12±3% Gloss
- E/1532 30±5% Gloss
- E/1533 50±5% Gloss
- E/1534 70±5% Gloss

Product Preparation

Catalyst by weight by volume with hardener
50% 60% E/1013

Additives Not necessary in normal conditions

Pot Life 4hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/613 at 20-30%.
In case of hot and humid climate, add 5 -10% of PU retardant thinner E/622.

Technical Characteristics

Physical Properties

Specific gravity	1.34	(± 0,025) Kg/l
* Visc. Ford	75	(± 5) Sec.
4/ 25°C		
Weight solids	70%	(± 2) Kg/Kg
Weight solids blended	57%	(± 2) Kg/Kg
Flash Point	21	grades centigrade

(Abel Pensky closed cup)

Application Rate 140gr/m² (per coat)

Drying @25°C

* Dust free	15 mn
Touch drying	60 mn
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	Very Good

Surface Preparation

It can be used on veneer substrate, solid wood, and MDF which were treated with pigmented (white) polyurethane or polyester basecoats. Apply two or more coats according to the desired covering. After drying, sand the basecoat with at least 400 type sanding paper. Ensure that no residues on the substrate before application of topcoat.

Application Method

Spray gun: Use spray gun with a 1.8 - 2.0 mm. nozzle at 3-4 atm/bar. It can be applied by air mix spray application. In the last case of preliminary test, for spray application the ideal reduction is 20-30%.

NB: The product is not suitable for airless spray application. For curtain application, it can be used for closed pore and the most important thing is to keep controlled viscosity during the vanishing, adding PU thinner to compensate the evaporation of solvent.

Subsequent Treatments

After drying this product do not need particular subsequent treatment.

Packing

Available in 1 ltr, 5ltr, 25ltr.

NB: 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.