

PU CLEAR SCRATCH PROOF – [MATT]

Product code: E/153X- SP

Color: White

Finish: Matt

Composition and Application Field

It is two components scratch-Proof Pigmented Polyurethane topcoat with high mechanical resistance and soft slippery touch. It exhibits a fast drying, good transparency, very good leveling with good equalization of matting effect.

Available in the following shade:

- E/1530 SP DM 6% [±1]
- E/1531 SP MT 12% [±3]
- E/1533 SP SM 30% [±5]
- E/1535 SP SG 50% [±5]
- E/1537 SP GL 70% [±5]

Use

For interior use on all furnishings as wardrobes, closet, paneling, doors, windows frame, and casting, etc. The overall characteristics such as extensibility, Matt effect equalization, pigmentation and resistance to polishing have been developed to the maximum which in turn enables the product to have almost unlimited possibilities in the furniture industry.

Product Preparation

Catalyst	by weight	Catalyst	by volume
	50%	CP003	50%

Pot Life 3hrs. at 25°C

Dilution

Use PU thinner E/613 to dilute the system

- 20-30%. Of Thinner for Spray application;
- 25% of Thinner for curtain application

In case of humidity weather can be used 5-10% [E/622] PU retardant thinner.

Technical Characteristics

Appearance	: Matt
Color	: White
Specific gravity	: 1.28 Kg/lit [±0.025]
viscosity@25°C cup4	: 150 sec. [±5]
Pencil Hardness	: HB
Weight Solids	: Approx. 64% [± 2]
Weight Solids blended	: Approx. 50% [± 2]
Flash point	: 21°C

Drying Time

Dust Free	: 10 min.
To Touch	: 50 min. at 25°C
Interval Coats	: 3 hrs. at 25°C Deep
Drying	: 24 hrs. at 25°C

Surface Preparation

All timber species must be fully aged with a moisture content of less than 15%. Surface must be dry, clean and free from contaminations. Natural oil or gum must be removed by solvent cleaning. Before the apply topcoat E/153X SP, wait that the sealer is full dry and sand it with sanding paper No.400.

Application Method

The number of coats depends on the porosity of the substrate and the finish good decide. Appropriate Rate:

140 gr/ sq.m.

Following Treatments

By spray gun: Use nozzle 1.8-2mm at 3-4 ATM/bar. It possible to use airless and air-mix equipment. For details of spray equipment contact EVI Technical Services Department.

By Curtain Coater: It is recommended to control the viscosity during application by add PU Thinner to balance the evaporation of solvent

Clean all tools and equipment immediately after use with [E/620] Tool Cleaning.

Packing & Storage

Available in 5Ltr, 25Ltr.

Store in a cool and well ventilated place, with temperature controller between 10 to 30°C. Keep cans tightly close. For the shelf life, minimum 12 month from the production date, if the stored advice are followed.

Safety & Flammable

This material is flammable and must not be exposed to naked flames. Keep away from sources of ignition. No Smoking. Keep out of reach of children. Use only in well ventilated areas. In case of insufficient ventilation during application, wear suitable respiratory equipment. In case of contact with eyes, rinse immediately with plenty of sweet water and seek medical advice. In case of contact with skin, wash immediately with soap and water or a recognized skin cleanser. For health and safety information, please refer to relevant SDS.