

Acrylic Clear Sunscreen Topcoat

Product code: EUV228X

Color: Transparent Milky

Finish: Matt

Composition and Application Field

EUV228X is an extremely clear, colourless topcoat with a very soft touch. It is particularly suitable for applications where non-yellowing properties are required. It has a high water proofing properties

For example:

- Coating pale woods (maple, birch, ash, reconstituted veneers, etc.)
- Coating woods bleached with hydrogen peroxide or other oxidizers (to avoid the yellowing problems that commonly arise with conventional polyurethane products applied onto this type of substrate)
- Coating white or pastel coloured surfaces to protect them without changing their color.

In the first two cases, apply an acrylic basecoat such as E/2245 before applying topcoat EUV228X.

In open pore applications, add a large quantity of thinner (at least 40-50%) to promote pore penetration. Contain UV filter to protect the substrate and the film to delay wood discoloration and film damages caused by sunlight.

Available in the following versions

E/2280	6±1% Gloss
E/2281	12±3% Gloss
E/2282	30±5% Gloss
E/2283	50±5% Gloss
E/2284	70±5% Gloss

Product Preparation

Catalyst by weight by volume with hardener
20% 20% E/1007

Additive Not necessary in normal condition.

Pot Life 8hrs. at 25°C

Dilution

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

Curtain Coater: Dilute with polyurethane thinner E/613 at 10-20%. In summer period with hot and humid climate, it is necessary to add 5 % of PU retardant thinner E/622.

Technical Characteristics

Physical Properties

Specific gravity	0.970	(± 0,025) Kg/l
* Viscosity. Ford	65	(± 5) Sec.
4/25°C		
Weight solids	38%	(± 2) Kg/Kg
Weight solids blended	35%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 120gr/m² (per coat)

Drying @25°C

* Dust free	15 min
Touch drying	35 min
Deep drying	24 hrs.
Packing	24 hrs.

N.B: Before packing control the working condition and do a preliminary test.

Dry Film Characteristics

Mechanical Characteristics

* Gloss 60°	From 5 to 70 (ASTM D523/67)
Hardness	Good
Plasticity	Good
Antiscratch.....	Very Good

Surface Preparation

As substrate can be generally used clear wood natural or lightly stained. As basecoat to prepare the substrate it is better to use product of the same nature: we suggest our clear acrylic base-coat E/2245, one or more coats according to the desired covering. Sand very well the basecoat before to apply the acrylic top-finish.

Application Method

Spray gun: For spray application we suggest a normal spray gun with 1.8 mm nozzle at 3-4 atm/bar of pressure. It can be used for airless or air-mix spray guns.

Curtain Coater: The most important thing is to keep controlled the starting viscosity, adding PU thinner to compensate the evaporation of solvents.

Subsequent Treatments

After drying this product does not need any subsequent treatments.

Note

This product can be used even as non-yellowing fixative on lacquered manufactured, treated with ageing products; be sure of the compatibility with the products used in the varnishing cycle.

Packing

Available in 1 ltr., 5 ltr. and 25 ltr.

Storage

If the drum is tightly closed and well stored at 25°C, the product have maximum 6 months of shelf-life. The hardener has 6 month of shelf-life.