

PU Sealer with UV Filter

Product code: EUV1438

Color: Transparent

Composition and Application Field

Transparent basecoat made of valuable raw materials polyurethane resin, It has a colourless film and excellent light fastness. It is the ideal basecoat for pale-coloured and bleached timbers, as it maintains the natural colour of wood. Endowed with good covering and fast drying film light resistance. Contains UV filter to protect the substrate and the film to delay wood discoloration and film damages caused by sunlight. It has a high water proofing properties

Product Preparation

Catalyst

by weight	by volume	with hardener
100%	100%	E/1011

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	0.97	(± 0,025) Kg/l
* Viscosity. Ford	38	(± 5) Sec.
4/25°C		
Weight solids	39%	(± 2) Kg/Kg
Weight solids blended	36%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 120gr/m² (per coat)

Drying @25°C

* Dust free	20 min
Touch drying	60 min
Interval coats (without sanding)	2 hrs.
Sanding	8 hrs.
Overspraying	24 hrs.

N.B: In case of stacking, control the final result obtained in working conditions before to start with the varnishing cycle.

Dry Film Characteristics

Mechanical Characteristics

* AdherenceGood (on sanded substrates)
PlasticityGood
SandingVery Good

Surface Preparation

We suggest to sand the substrate with sanding paper 100 grain, before applying EUV1438. Apply one or two coats according with the desired covering. After drying (at least 24 hrs.) it is possible to sand the basecoat by using sanding paper 220 grain type followed by paper 400 type. Do not apply thick thickness to avoid inconvenient as removing of basecoat applying the top finish.

Application Method

You can apply the product as follows:

Spray gun: You can use a spray gun with a 1.8-2 mm. nozzle at 3-4 atm/bar. of pressure.

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

Subsequent Treatments

After drying and sanding the acrylic basecoat can be oversprayed with clear products of same nature, glossy or matt acrylic topcoat.

Note

Respect drying time and quantity suggested.

Do not leave for a long time the basecoat sanded before to apply the top finish (at least 4-6 hrs. max.).

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 has 18 months of shelf-life.

The hardener has six month of shelf-life.