

PU White Primer

Product code: E/1458

Color: White

Finish: Matt

Composition and Application Field

White polyurethane basecoat based on polyfunctional resin and selected pigments. Endowed by an excellent sanding ability and a good hiding power, is primarily used for all kind of wood furniture sets, flat panels and molding.

Product Preparation

Catalyst by weight by volume with hardener
50% 60% E/1003

Additives Not necessary in normal conditions

Pot Life 5hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/680 or E/612 at 25-30%. Curtain Coater: Dilute with PU thinner E/612 at 20%.

NB: In winter we suggest E/610 for faster drying and in hot climate we can use E/680 to avoid bubbles and blooming.

Technical Characteristics

Physical Properties

Specific gravity	1.50	(± 0,025) Kg/l
* Visc. Brookfield	7000	(± 500)
Spindle 4, RPM 6		
Weight solids	75%	(± 2) Kg/Kg
Weight solids blended	58%	(± 2) Kg/Kg
Flash Point	21	grades centigrade

(Abel Pensky closed cup)

Application Rate 120-170 gr/m² (per coat)

Drying @25°C

* Dust free	15 mn
Touch drying	30 mn
Interval coats	1.30 hr
Sanding after	3 hrs
Deep drying	24 hrs

Dry Film Characteristics

Mechanical Characteristics

Adhesion	Very Good
Plasticity	Very Good
Sanding.....	Very Good

Surface Preparation

Good sanding of wood surface with a sanding paper 150-180 grit is advisable before application of E/1458.

On substrates very porous, we suggest to apply before the pigmented basecoat, one coat of PU isolant E/1401 diluted at 50-60%. After 1-2 hrs. without sanding apply the pigmented basecoat.

Application Method

You can apply the product as follows:

Spray gun: Use spray gun with nozzles 1.5-2 mm. at 3-4 atm/bar.

Curtain: Apply the product ready to use, controlling the stability in machine. Apply 1, 2 o 3 coats, depending on the substrate.

This Product is suitable for automatic spray machines due to its long pot life.

Subsequent Treatments

After drying and sanding, it is possible to apply a PU pigmented top finish glossy or matt.

Note

To obtain a very good finish result, we advise to use our pigmented polyurethane matt and glossy finishing.

To increase adherence and covering, we suggest to sand (little sanding) between coats.

Packing

Available in 1 ltr, 5ltr, 25ltr.

N.B: We fill 1kg per ltr.

Storage

If the drum is hermetically closed and well stored at 25°C, the product have 18 months of shelf-life.

The hardeners have six months of shelf-life.