

PU Black Primer

Product code: E/1446
Color: Black

Composition and Application Field

Black polyurethane basecoat endowed with a very good sanding, spraying and recoating resistance, good covering, and good elasticity. Product particularly indicated for substrate treatment of a pigment working cycle.

Product Preparation

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

Additives Not necessary in normal conditions

Pot Life 3hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner or E/612 at 20-30%.
Curtain Coater: Dilute with PU thinner E/612 at 10-20%.

Technical Characteristics

Physical Properties

Specific gravity	1.3	(± 0.025) Kg/l
* Visc. Ford	300	(± 5) Sec.
6/ 25°C		
Weight solids	72%	(± 2) Kg/Kg
Weight solids blended	56%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 130gr/m² (per coat)

Drying @25°C

* Dust free	15 mn
Touch drying	40 mn
Interval coats	1,30 hr
Sanding after	3 hrs
Deep drying	24 hrs

Dry Film Characteristics

Mechanical Characteristics

Adhesion	Good
Plasticity	Good
Sanding.....	Good

Surface Preparation

Good sanding of wood surface with a sanding paper 100 grain is advisable before application of E/1446.

On substrates very porous, we suggest to apply before the pigmented basecoat, one coat of PU transparent basecoat 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.

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.

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.