

# PU Sealer

## Extra

Product code: E/1438

Color: Transparent

### Composition and Application Field

A two component material with high covering power, elasticity and sanding characteristics. Because of the excellent quality of raw material, it does give a covering film of great transparency and requires minimum coat.

Best for furniture, office tables, shelves. Turned pieces, cabinet, and all wood works

**NB:** Mainly suggested were high transparency and flexible are required.

### Product Preparation

**Catalyst** by weight by volume with hardener  
50% 50% E/1048

**Additives** Not necessary in normal conditions

**Pot Life** 3hrs. at 25°C

### Dilution

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

Curtain Coater: Dilute with PU thinner E/612 at 20%.

In case of hot and humid climate, add 5 -10% of PU retardant thinner E/622.

**N.B:** In winter we suggest E/610 for faster drying and in hot climate we can use E/613 to avoid bubbles and blooming.

### Technical Characteristics

#### Physical Properties

Specific gravity	0.99	(± 0,025) Kg/l
* Visc. Ford	40	(± 5) Sec.
4/ 25°C		
Weight solids	47%	(± 2) Kg/Kg
Weight solids blended	42%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application Rate ..... 130gr/m<sup>2</sup> (per coat)

#### Drying @25°C

* Dust free	15 mn
Touch drying	25 mn
Interval coats	1.30 hr
Sanding after	3 hrs
Deep drying	24 hrs

### Dry Film Characteristics

#### Mechanical Characteristics

Adhesion .....	Very Good (on wooden substrates)
Plasticity .....	Very Good
Sanding.....	Very Good (manually and automatic)
Covering .....	Very Good

### Surface Preparation

Good sanding of wood surface is advisable before application of E/1438, with sanding paper 100. Control the compatibility of stains eventually used.

### Application Method

You can apply the product as follows:

Spray gun: It is possible to use even airless and air-mix equipments.

Curtain: This product can be applied even with curtain coater; control the viscosity during application adding PU thinner to balance the evaporation of solvents.

Apply one or more coats according to the desired covering.

### Subsequent Treatments

It is possible to apply matt and glossy top finish, polyurethane or nitrocellulose based, due to the working cycle used, and belonged to our finiture series.

### Note

For a correct working cycle, verify that:

- Used stain must be dry;
- Substrate humidity must be under 20%;
- No grease and residues on substrate that can cause defect on wetting;
- Substrate hadn't treated with ammonia and peroxide.

For a better result of covering, sanding between coats is advisable. Follow the indication of reducing and time of interval 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.