

PU Sealer Super HV

Product code: E/1436 HV
Color: Transparent

Composition and Application Field

A two component thixotropic polyurethane sealer with high coverage, elasticity and sanding characteristics. Because of the excellent quality of raw material and high solid, it does give a high covering film of great transparency with a minimum number of coats. Best for furniture, office tables, shelves, chairs, turned pieces, cabinet, and all wood works.

NB: Specially for vertical use because of it is high thixotropic.

Product Preparation

Catalyst	by weight	by volume	with hardener
	50%	50%	E/1004 standard
	50%	50%	E/1009 NY

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	0.98	(± 0,025) Kg/l
* Visc. Ford 4/ 25°C	200	(± 20) Sec.
Weight solids	49%	(± 2) Kg/Kg
Weight solids blended	42%	(± 2) Kg/Kg
Flash Point	21	grades centigrade

(Abel Pensky closed cup)

Application Rate 120gr/m² (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/1436 HV, 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 has 18 months of shelf-life.
The hardeners have six months of shelf-life.