

Acid Curing Clear Glossy

Product code: E/2185

Color: Clear
Finish: Glossy

Composition and Application Field

Clear Acid Curing topcoat, a two - component, endowed with high solid contents and It is indicated to varnish furniture, doors, window sush as frames and casings where high durability and scratch resistance are required. It also has a good plasticity, good hiding power and high gloss.

NB: This product could be use as sealer topcoat at the same time, because it represents a good sanding properties.

Product Preperation

Catalyst	by weight	by volume	with hardener
	10%	10%	E/1000

Pot Life 6hrs. at 25°C

Dillution

Spraying: Dilute with NC thinner E/600 at 25%.
Curtain Coater: Dilute with NC thinner E/600 at 20%.

Technical Characteristics

Physical Properties

Specific gravity	0.995	(± 0,025) Kg/l
* Visc. Ford	50	(± 5) Sec.
4/ 25°C		
Weight solids	51%	(± 2) Kg/Kg
Weight solids blended	47%	(± 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	25 mn
Interval coat	1 hr
Deep drying	24 hrs
Polish	48 hrs

Dry Film Characteristics

Mechanical Characteritics

Gloss 60°	From 5 to 70 (ASTM D523/67)
Hardness	Very Good
Antiscratch	Very Good
Plasticity.....	Very Good
Sanding	Very Good

Surface Preperation

Good sanding for the wood before application of this product. Use sanding paper 120-150. Apply the white acid curing primer 2-3 cross coats according to the coverage required, the primer should be sanded with sanding paper 220, followed by sanding paper 400, after that apply the topcoat one to two cross coats.

Application Method

Spray gun: Use a spray gun with 1.8 mm nozzle at 3-4 atm/bar of pressure. It can be used for airless or air-mix equipments.
Curtain Coater: It is very important to keep controlled the viscosity during the application, adding thinner to compensate the solvents evaporation.
The glossy finish can be applied in one coat or in two coats with an interval of 2 hrs. without sanding. After 2-3 hrs. it is necessary to sand between coats to avoid any inconvenience.

Subsequent Treatments

After drying this product does not need any particular subsequent treatment, except for the eventually brushing and polishing treatment using proper abrasives.

Note

Using this product with E/1000, it can be treated even handi-craft outdoor exposed. In this case take care to cover with varnish all the exposed parts, to prevent any type of infiltration. Only like this it is possible to have a product with good outdoor resistance, to take away in the time the defoiling of the varnish. Its most important characteristics are reduced formaldehyde emission, excellent wettability and the correct degree of conductivity for good wrapping in electrostatic application.

Packing

Available in 1 Usq, 1 Usg, 5 Usg.

Storage

If the drum is hermetically closed and well stored at 25°C, the product has one year of shelf-life.
The hardeners have 6 months of shelf-life.