

# Acid Curing Clear Matt

Product code: E/218X

Color: Clear

Finish: Matt

## Composition and Application Field

Clear Acid Curing Topcoat, endowed with high solid contents. It is indicated to varnish furniture, doors, window sash frames, frames and casings where high durability and scratch resistance are required. It also has a good plasticity, good transparency and very good build.

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

Available in the following version:

E/2180 6±1% Gloss

E/2181 12±3% Gloss

E/2182 30±5% Gloss

E/2183 50±5% Gloss

E/2184 70±5% Gloss

## Product Preparation

<b>Catalyst</b>	by weight	by volume	with hardener
	10%	10%	E/1000

**Pot Life** 6hrs. at 25°C

## Dilution

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/m<sup>2</sup> (per coat)

### Drying @25°C

* Dust free	15 mn
Touch drying	25 mn
Interval coat	2 hrs
Deep drying	24 hrs

## Dry Film Characteristics

### Mechanical Characteristics

Gloss 60° ..... From 5 to 70 (ASTM D523/67)

Hardness ..... Very Good

Antiscratch ..... Very Good

Plasticity ..... Very Good

Sanding ..... Very Good

## Surface Preparation

Good sanding for the wood before application of this product. Use sanding paper 120-150. Control the compatibility of stains eventually used. Apply the acid curing self sealer 2-3 cross coat according to the coverage required, the sealer 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.

## Subsequent Treatments

After drying this product, it does not need any subsequent treatment.

## Note

Using this product with E/1000, it can be treated even hand-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 have 6 months of shelf-life.

The hardeners have 6 months of shelf-life.