



Acrylic Black Glossy

Product code: E/2295

Color: Black
Finish: Glossy

Composition and Application Field

Black acrylic finish with high opacity, good plasticity, hardness, and brightness. Recommended for inside work, veneered or solid wood, used for furniture, furnishing components, cabinet doors, also for outdoor furniture, external doors and frames, etc... It is particularly suitable for applications where non-yellowing properties are required to avoid the yellowing problems that commonly arise with conventional polyurethane products applied onto this type of substrate.

Product Preparation

Catalyst	by weight	by volume	with hardener
	20%	20%	E/1007
	50%	50%	E/1007-1

Additive Not necessary in normal condition.

Pot Life 8hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/614 or E/630 at 20-30%.
Curtain Coater: Dilute with PU thinner E/614 or E/630 at 10-20%.
In summer period with hot and humid climate, it is necessary to add 5 % of PU retardant thinner E/622.

Technical Characteristics

Physical Properties

Specific gravity	1.01	(± 0,025) Kg/l
* Viscosity. Ford	70	(± 5) Sec.
4/25°C		
Weight solids	42%	(± 2) Kg/Kg
Weight solids blended	40%	(± 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	20 mn
Interval coats	24 hrs
Deep drying	35 hrs
Polish	48 hrs

N.B: In case of stacking, control the final result obtained in working conditions before to start with the varnishing cycle.

Dry Film Characteristics

Mechanical Characteristics

* Gloss 60°	100 polyester basecoat (ASTM D523/67)
Hardness	Good
Plasticity	Good
Antiscratch	Very Good

Surface Preparation

As basecoat to prepare the substrate it is better to use product of the same nature: we suggest our acrylic white primer basecoat, one or more coats according to the desired covering. After drying at least (8 hrs.) it is possible to sand the basecoat by using sanding paper 220 grain type followed by paper 400 type. Do not apply thick thickness to avoid inconvenient as removing of basecoat applying the top finish.

Application Method

You can apply the product as follows:
Spray gun: You can use a spray gun with a 1.8-2 mm. nozzle at 3-4 atm/bar. of pressure.
Curtain Coater: The most important thing is to keep steady the starting viscosity, adding some PU thinner to compensate the evaporation of solvents.

Subsequent Treatments

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

Packing

Available in 1 ltr., 5 ltr. and 25 ltr.

Storage

If the drum is tightly closed and well stored at 25°C, the product have 18 months of shelf-life.
The hardener has six month of shelf-life.