

Acrylic Pigmented Glossy

Product code: E/2285-Color

Color: Varieties of Color

Finish: Glossy

Composition and Application Field

Pigmented acrylic finish with high opacity, good plasticity, hardness, yellowing resistance, and high gloss. 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
50% 50% E/1053

Additive Not necessary in normal condition.

Pot Life 8hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/622 at 50-60%. Curtain Coater: Dilute with PU thinner E/622 at 10-20%. In summer period with hot and humid climate, it is necessary to add 5-10% PU Extra Slow Thinner E/646

Technical Characteristics

Physical Properties		
Specific gravity	1.01-1.25	(±0,025) Kg/l
* Viscosity. Ford 4/25°C	70	(± 5) Sec.
Weight solids	42-48%	(±2)Kg/Kg
Weight solids blended	40-44%	(±2) Kg/Kg
Flash Point (Abel Pensky closed cup)	21	grades centigrade
Application Rate.....	130gr/m ² (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 base-coat, 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 types. 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 eventual 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 has one year of shelf-life.

The hardener has six months of shelf-life.