

Acrylic Clear Glossy

Product code: E/2285
 Color: Transparent
 Finish: Glossy

Composition and Application Field

Acrylic Clear Gloss E/2285 is based on non-yellowing hydroxyl functional acrylic resins and saturated isocyanates. It is weather resistant, high gloss and provides efficient protection to light sensitive substrates such as woods and plastics. Recommended for outdoor furniture, steel gates, external doors and frames, automotive refinishes, industrial and trade sales coatings.

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/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	0.970	(± 0,025) Kg/l
* Viscosity. Ford	65	(± 5) Sec.
4/25°C		
Weight solids	38%	(± 2) Kg/Kg
Weight solids blended	35%	(± 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	45 mn
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)
HardnessGood
PlasticityGood
AntiscratchVery Good

Surface Preparation

As substrate can be generally used clear wood natural or lightly stained. As basecoat to prepare the substrate it is better to use product of the same nature: we suggest our clear acrylic basecoat E/2245, one or more coats according to the desired covering. Sand very well the basecoat before applying the acrylic 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.

Note

This product can be used even as non-yellowing fixative on lacquered manufactured, treated with ageing products; be sure of the compatibility with the products used in the varnishing cycle.

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 maximum 18 months shelf-life.
 The hardener has six month of shelf-life.