

# Acrylic Black Matt

Product code: **E/229X**

Color: Black

Finish: Matt

## Composition and Application Field

Black acrylic finish with high opacity, good plasticity, hardness, and good levelling. 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 rise with conventional polyurethane products applied onto this type of substrate

Available in the following versions

E/2290	6±1% Gloss
E/2291	12±3% Gloss
E/2292	30±5% Gloss
E/2293	50±5% Gloss
E/2294	70±5% Gloss

## Product Preparation

Catalyst	by weight	by volume	with hardener
	20%	20%	E/1007

**Additive** Not necessary in normal condition.

**Pot Life** 8hrs. at 25°C

## Dilution

Spraying: Dilute with polyurethane thinner E/613 at 20-30%.  
Curtain Coater: Dilute with polyurethane thinner E/613 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 4	65	(± 5) Sec.
27-29°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/m<sup>2</sup> (per coat)

## Drying @25°C

* Dust free	15 mn
Touch drying	20 mn
Deep drying	24 hrs
Packing	24 hrs

**N.B:** Before packing control the working condition and do a preliminary test.

## Dry Film Characteristics

### Mechanical Characteristics

* Gloss 60°	.....From 5 to 70 (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

Spray gun: For spray application we suggest a normal spray gun with 1.8 mm nozzle at 3-4 atm/bar of pressure. It can be used for airless or air-mix spray guns.  
Curtain Coater: The most important thing is to keep controlled the starting viscosity, adding PU thinner to compensate the evaporation of solvents.

## Subsequent Treatments

After drying this product does not need any subsequent treatments.

## 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.