

MAGNETIC EFFECT

Product code: EME 2218

Color: Pigmented Metallic

Finish: Semi-Glossy

Composition and Application Field

Pigmented acrylic finish with magnetic effect, good plasticity, hardness, yellowing resistance, 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
	50%	60%	E/1053

Additive Not necessary in normal condition.

Pot Life 8hrs. at 25°C

Dilution

Spraying: Dilute with magnetic effect E/675 at 30-40%.

Curtain Coater: Dilute with magnetic effect E/675 at 10-20%.

Technical Characteristics

Physical Properties

Specific gravity	1.03	(± 0,025) Kg/l
* Viscosity. Ford	70	(± 5) Sec.
4/25°C		
Weight solids	48%	(± 2) Kg/Kg
Weight solids blended	44%	(± 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
Deep drying	35 hrs
Packing	35 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)
HardnessGood
PlasticityGood
AntiscratchVery 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 maximum 18 months of shelf-life.

The hardener has six months of shelf-life.