

Polyester White Primer

Product code: E/1856
Color: White

Composition and Application Field

Pigmented basecoat polyester based, endowed with very good covering, easy sanding and very good application, on flat and vertical manufactured. The E/1856 is indicated for substrate that need a basecoat preparation with products of higher solid and fast drying. It is particularly suggested for the basecoat treatment of pigmented working cycles: MDF or any various substrates that have to be lacquered.

Product Preparation

Additives by weight by volume accelerator hardner
2% 2% E/1050 E/1049

N.B: Do not mix accelerator and catalyst directly. The mixture may explode.

Pot Life 20 mn. at 25°C

Dilution
Spraying: Dilute with E/605 at 10-15%.

Technical Characteristics

Physical Properties		
Specific gravity	0.86	(± 0,025) Kg/l
Visc. Ford 6/25°C	30	(± 3) Sec.
Weight solids (polimerizable)	93%	(± 2) kg/kg
Weight solid blended	na	(± 2) kg/kg
Flash Point	21	grades
		centigrade

(Abel Pensky closed cup)

Application rate 180 gr/m² (each coat)

Drying @25°C	
* Dust free	30 mn
Touch drying	2 hrs
Interval coats	1 hr
Sanding	5 hrs
Deep drying	12 hrs

N.B: The drying time of this product is strongly influenced by the environmental temperature. In particular with temperature below 15°C the drying time is longer than normal and with temperature up to 25°C the polyester increase itself the reactivity. In this case to avoid any inconvenient, it is necessary to reduce the percentage of accelerator until 1.5 or 1%.

Dry Film Characteristics

Mechanical Characteristics

AdherenceGood (on wooden substrates & MDF)
PlasticityGood
SandingVery Good

Surface Preparation

On wooden substrates of different nature before applying the polyester basecoat it is suggested the application of a polyurethane sealer as E/1402. For a better final result and to avoid any inconvenient, we suggest the application of the same sealer even on MDF.

Application Method

By spray using normal spray gun with 2-2.5 mm nozzle at 3-4 atm/bar, or with mixing spraying pumps. In the first case prepare the polyester at the moment of use, adding the accelerator and, after blending, the hardener and the thinner. In the second case two different blends must be prepared; with double percentage of additives: blend with accelerator and thinner and blend with hardener and thinner.

Apply two or more coats according to the desired covering (max. 4 coats), considering that before applying the following coats, it is necessary to wait until the previous one has reached the status of "gel".

Subsequent Treatments

After drying and sanding, the polyester basecoat can be re-coated with transparent top-finishes products matt or glossy, polyurethane or polyester based.

Note

Do not use this product on substrate that have to be exposed to atmospheric agents. Control the humidity of the substrates: must be below than 15%; remember that the sealer do not insulate from the humidity. Control (always) the compatibility of the eventually stains used. It is good to apply after the stain and before the polyester a proper polyurethane sealer as E/1402.

Do not apply the polyester when the climate is too cold (T<10°C) or too hot (T>30°C). Do not apply big thickness when it is not necessary and do not apply more than 4 coats respecting the application rate suggested (to avoid bad transparency and blooming inconvenients).

Packing

Available in 1Lit ,5 Lit and 25 Lit . **N.B:** We fill 1kg per ltr.

Storage

If the drum is hermetically closed and well stored at 25°C, the product and the additives has 6 months of shelf-life.