



Water Base Black Glossy For Interior

Product code: **E/10275**
Color: Black

Composition and Application Field

The E/10275 is a black totally odorless waterborne product suitable for the varnishing of indoor, such as doors and furniture. It is used as a finish on pieces previously treated with pigmented water basecoat. It shows a top performance in terms of covering, high gloss, drying and hardness, such as to be compared to traditional polyurethane finish. It has low solvent content and excellent flow leveling. This item has a low VOC less than 3% as an environment friendly product. Maximum the glossiness can be 75 to 80%.

Product Preparation

Additives Not necessary in normal condition

Dilution
Ready for use. Eventually it is possible to dilute with water at 5-10% max.

Technical Characteristics

Physical Properties		
Specific gravity	1.02	(± 0,025) Kg/l
* Viscosity.Ford	50	(± 2) Sec.
4/25°C		
Weight solids	38%	(± 2) Kg/Kg
Flash Point	-	grades
		centigrade
(Abel Pensky closed cup)		

Application Rate 130gm/m²(per coat)

Drying @25°C and 70/75% of humidity

*Dust Free	30 mn
Touch Drying	60-90 mn
Stacking	24 hrs

These values under go considerable changes according to environmental temperature. In winter time, the flow levelling of the product applied is reduced, therefore we suggest varnishing in the first hours of the working cycle in order to guarantee a constant & an acceptable temperature during product drying. Warning: the product fears freeze; do not keep and do not work with temperature below 5°C. Good airing favors quicker drying even deep drying.

Dry Film Characteristics

Mechanical Characteristics	
Gloss 60°	100 (ASTM D523/67)
Plasticity	Good
Hardness	Good

Surface Preparation

We suggest a good sanding of wood substrate before applying the primer. In case of stain applied, control the compatibility with stain used. As stain we suggest our oil stain series E/00XX.

Application Method

By spray gun: The product is ready for use; in winter time it is not advisable to thin down the product but it is recommend to use the pre-heater set between 35°C and 45°C; in warmer times it is advisable to thin down the product from 5% up to 10% max. with water and to use the pre-heater at a max. temperature of 35°C. The product viscosity generally enables the application of 100-120 micron humid thickness without dripping; it is not advisable to apply higher thickness as film sanding and flow levelling would be impaired.

Suggested nozzle: for airless 09 fixed or 015 adjustable at 4 atm/bar of pressure; for normal sprayt gun 2.0 mm. at 3.5-4 atm/bar of pressure.

Check very carefully that the spray-gun does not show any trace whatsoever of solvent from previous applications. It is advisable to wash varnishing tools immediately after use.

Subsequent Treatments

After drying the product doesn't need subsequent treatments.

Note

Avoid stacking directly varnish on varnish.

Packing

Available in Usq , Usg , 5Usg.

Storage

If the drum is tightly closed and well stored at 25°C, the product have 18 months of shelf-life.