



Water Base Sealer For Interior

Product code: ECD/10245
Color: Transparent

Composition and Application Field

The ECD/10245 is a waterborne clear basecoat suitable for the varnishing of indoor, such as doors and furniture. It is used as a basecoat on pieces previously sanded with sanding paper 100. It shows a top performance in terms of covering, drying and hardness, such as to be compared to traditional polyurethane finish. It has low solvent content and excellent flow levelling. **This material is following the LEED certificate CREDIT C4.2, as per the rules 1113 for the architectural coating, it has VOC less water and exempt solvents less than 24.5 g/l. This product is DCL approved.**

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 | 120 | (± 5) Sec. |
| 4/25°C | | |
| Weight solids | 43% | (± 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 |
| Sandable | 4 hrs |
| Stacking | 24 hrs |

These values under go considerable changes according to environmental temperature. In winter time, the flow leveling 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

| | |
|-------------------|--|
| Adherency..... | Very Good (on every wooden substrates) |
| Plasticity | Very Good |
| Covering | Very Good |
| Sandability | Good |

Surface Preparation

We suggest a good sanding of the wood substrate before applying ECD /10245. Apply one or two coats of basecoat according to the desired covering required.

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 leveling would be impaired.

Suggested nozzle: for airless 09 fixed or 015 adjustable at 4 atm/bar of pressure; for normal spray 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 this product must be over.coated with clear water-borne top finish

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 1 year of shelf-life.