

WB-PU TOPCOAT CLEAR-[GLOSS] **Product No. LEED10255**

[Leed Certified - Water Borne - For Interior]

Leed certified odourless waterborne polyurethane topcoat gloss , based on low solvent contents and excellent flow leveling , provides a top performance in terms of covering , clearness, drying and hardness , designed as finish coat on pieces previously treated with clear waterbased coat .
[This product is following the LEED Certified EQ C4.2 as part of the rules 1113 for the architectural coatings, it has a Low VOC, water and exempt in the range of 25 g/l].

USES

Suitable for the varnishing of Interior doors and furnitures.

CHARACTERISTICS

Properties

- Leed Certified
- Good Plasticity
- Good Hardness
- Excellent Flow

Appearance	: Gloss
Color	: Transparent
Specific gravity	: 1.02 Kg/lit [± 0.025]
Weight Solids	: 43% [± 2]
Flash point	: 21°C
Drying Time	
Dust Free	: 30 min.
To Touch	: 60-90 min. at 25°C
Stacking	: 24 hrs.

These values undergo 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 and 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 favours quicker drying even deep drying.

SURFACE PREPARATION

All timber species must be fully aged with a moisture content of less than 15%. Surface must be dry, clean and free from contaminations. Natural oil or gum must be removed by solvent cleaning. We suggest a good sanding of the wood substrate before applying [LEED10245] PU sealer . In case of stain applied, control the compatibility with stain used.

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PRODUCT PREPARATION

Stir product well with a flat paddle. Add the correct quantity of hardener and stir till homogeneous. Thin to required viscosity. For details of spray equipment contact Ritver Technical Services Department.

Dilution

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

APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is between 130 gr / sq.m². The number of coats depends on the surface preparation the porosity of the substrate, and the finish required.

Following Treatments

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 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.

After drying this product does not need any subsequent treatments.

NOTE

Avoid stacking directly varnish on varnish.

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CLEANING

Cleaning

Clean all tools and equipment immediately after use with water.

PACKING & STORAGE

Available in USG, 5USG.

Store in a cool and well ventilated place. Keep away from direct sunlight. Minimum one year in unopened container, stored in a cool and dry condition at 25°C.

SAFETY & FLAMMABLE

This material is flammable and must not be exposed to naked flames.

Use only in well ventilated areas. In case of insufficient ventilation during application wear suitable respiratory equipment. Do not breathe vapor / spray. In case of contact with eyes, rinse immediately with plenty of sweet water and seek medical advice. In case of contact with skin, wash immediately with soap and water or a recognized skin cleanser.

Keep away from sources of ignition. No Smoking. Keep out of reach of children.