

## WB - PU TOPCOAT CLEAR – [MATT] Product No. **LEED1025X**

[Leed Certified-Water Borne - For Interior]

Leed certified odourless waterborne polyurethane topcoat clear matt , provides top performance in terms of clearness, drying and hardness with excellent flow levelling, 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

#### Available in the following Shades

- LEED10250 DM 6% [±1]
- LEED10251 MT 12% [±3]
- LEED10252 SM 30% [±5]
- LEED10253 SG 50% [±5]
- LEED10254 GL 70% [±5]

<b>Appearance</b>	: Matt
<b>Color</b>	: Transparent
<b>Specific gravity</b>	: 1.02 Kg/lit [±0.025]
<b>Weight Solids</b>	: 40% [± 2]

#### 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%. The 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(sealer). In case of stain applied, control the compatibility with stain used.

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RITVER Technical Service Department.

Date Revised: 01<sup>st</sup> Jan 2012

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**PRODUCT PREPARATION**

**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. m. 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 recommended 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 on varnish.

**CLEANING**

**Cleaning**

Clean all tools and equipment immediately after use with water.

**PACKING & STORAGE**

Available in 5USG, 15USG.

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 cleaner.

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

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