

ACRYLIC SEALER UV RESISTANCE

Product No. **LEED UV 401** – Premium grade

Two components Acrylic Sealer UV Resistance formulated with special filling contents combined with high opacity, plasticity and very good sanding properties, indicated to level veneered or solid timber, results in a good wetting of the wood pore. This product protects wood, provided that its humidity is always lower than 20%, from fungal attack and growth. [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 380 g/l ; 340 g/l when combined with its catalyst Leed 040].

USES

Designed for use on all interior furnishing as wardrobes, closet, sofas, paneling, doors, windows frames, casting etc... The product is fast drying which allows for quick handling of the furniture. It can be also applicable in tunnel varnishing cycle with forced air and environmental conditions.

CHARACTERISTICS

Properties

- V. Good Plasticity
- V. Good Sanding Properties
- Excellent UV Resistance
- V. Good Adhesion
- V. Good Filling

Appearance

: Matt

Color

: Transparent Milky

Specific gravity

: 0.98 Kg/lit [± 0.025]

Weight Solids

: Approx. 39% [± 2]

Weight Solids blended

: Approx. 36% [± 2]

Viscosity (cup Ford 4)

: 115 [± 5] sec @ 27-29 °C

Drying Time

- Dust Free : 20 min.
- To Touch : 60 min. at 25°C at 25 μ DFT
- Interval Coats : 2 hrs.
- To Sand after : 8 hrs. at 25°C at 25 μ DFT
- Deep Drying : 24 hrs. at 25°C

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.

To obtain optimum surface finish, sand the wood properly in the same direction of the wood grain, utilize sanding paper no. [100]. Then and after surface leveling, remove the dust prior to application of first coat [LEED UV 401] Acrylic Sealer UV Resistance. After drying, minimum [8 hrs.], it is possible to sand the surface utilizing paper no. [220-320] over coated with Acrylic Top coat

NB: Do not apply thick coat in order to avoid inconvenience before applying the topcoat.
This information contained in the data sheets is the best of our knowledge and practice under well defined conditions. It is not a guarantee of 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: July 12, 2016**

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PRODUCT PREPARATION

CATALYST

By weight 20%	LEED040	by volume 20%
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Pot Life 8 hrs. @ 25°C

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.

APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is between 120 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: utilize nozzle 1.8 – 2 mm at 3-4 ATM/bar. For details of Spray equipment contact Ritver Technical Services Department.

By Curtain Coater: it is recommended to control the viscosity during application by adding PU Thinner to balance the evaporation of solvents.

CLEANING

Cleaning

Clean all tools and equipment immediately after use with [TC010] Tool Cleaning.

PACKING & STORAGE

Available in 5Ltr, 25Ltr.

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.