



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 Adhesion V. Good Sanding Properties - V. Good Filling

Excellent UV Resistance

Appearance

Color : Transparent Milky Specific gravity : 0.98 Kg/lit [±0.025]

Weight Solids : Approx. 39% [± 2] Weight Solids blended : Approx. 36% [± 2]

: 115 [±5] sec @ 27-29 °C Viscosity (cup Ford 4)

Drying Time

Dust Free : 20 min.

To Touch : 60 min. at 25°C at 25µ DFT

Interval Coats : 2 hrs.

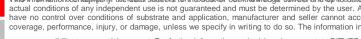
To Sand after : 8 hrs. at25°C at 25µ DFT

: 24 hrs. at25°C 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.

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







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PRODUCT PREPARATION

CATALYST

By weight by volume 20% LEED040 20%

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 qun: 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.