

ACRYLIC SEALER UV RESISTANCE

Product code: LEED-EUV 2245

Composition and Application Field

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 E/1007].**

Product Preparation

Catalyst	by weight	by volume	with hardener
	20%	20%	E/1007

Pot Life 8hrs. at 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 EVI Technical Services Department.

Technical Characteristics

Finish	: Matt
Colour	: 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 (30° C)

: set to touch: 2 – 3 hours
: Ready for Recoat: app 6 – 8 hours.

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. at 25°C at 25µ 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 EUV 2245] 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..

Application Method

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 EVI 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

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

Packing

Available in 5Ltr, 25Ltr.

Storage & Shelf life

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.

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Safety Precaution

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.