

## ACRYLIC CLEAR TOPCOAT UV RESISTANCE

Product code: LEED-EUV 228X

### Composition and Application Field

Standard grade two components Acrylic clear Topcoat UV Resistance, formulated with non-yellowing content combined with good transparency, flow, and leveling characteristics, provides the excellent equalization of the matt effect combined with the high mechanical resistant and soft touch that enhance the overall beauty and practicality of the finishing product. 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 350 g/l ; 320 g/l when combined with its catalyst Leed E/1007].

### Product Preparation

Catalyst	by weight	by volume
LEED E/1007	20%	20%

**Pot life** 8 hrs. @ 25°C

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

### Technical Characteristics

<b>Appearance</b>	: Matt
<b>Color</b>	: transparent
<b>Specific gravity</b>	: 0.970 Kg/lit [±0.025]
<b>Weight Solids</b>	: Approx. 38% [± 2]
<b>Weight Solids blended</b>	: Approx. 35% [± 2]
<b>Flash point</b>	: 21°C
<b>Drying Time</b>	

Dust Free	: 15 min.
To Touch	: 35 min. at 25°C
Deep dry	: 24 hrs. At 25°C
Packing	: 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]. After sealer dry, utilize paper No.[220] to create smoothness to the substrate, then utilize paper No.[400] to achieve perfection of substrate. Apply basecoat [E/2245] Acrylic sanding Sealer till reaching between coats is essential, as is adequate sanding and removal of dust prior to application of first coat [LEED-EUV 228] Acrylic Clear Topcoat UV Resistance. Control the compatibility of Stains eventually used.

### Application Methods

Depends on the finishes required but in general an appropriate rate is 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

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

### 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.

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