

## POLYACRYLIC CLEAR- [MATT] Product No. **AW33X0**

[Exterior Wood - Standard]

Two-components polyacrylic clear varnish matt endowed with waxy effects and outstanding resistance to abrasion , provides very high UV resistance , good washability , abrasive detergent and hard weather conditions.

### USES

Designed for exterior pergulas wood that can withstand especially for outdoor applications .

### CHARACTERISTICS

#### Properties

- Very Good Adherence
- Very Good Plasticity
- Very Good Hardness

<b>Appearance</b>	: Matt
<b>Color</b>	: Transparent.
<b>Specific gravity</b>	: 1.05 Kg/lit [ $\pm 0.025$ ]
<b>Weight Solids</b>	: 48% [ $\pm 2$ ]
<b>Weight Solid Blended</b>	: 28% [ $\pm 2$ ]
<b>Flash point</b>	: 21°C
<b>Drying Time</b>	
Dust Free	: 1 hr.
To Touch	: 2 hrs. at 25°C at 25 $\mu$ DFT
Interval Coats	: 6 hrs.
To Sand After	: 24 hrs. at 25°C at 25 $\mu$ DFT
Deep Drying	: 24-48 hrs. at 25°C

### SURFACE PREPARATION

All timber species must be fully aged with a moisture content of less than 15%. Surface must be dry, clean and free from contaminations. Natural oil or gum must be removed by solvent cleaning.

Wooden floor surface must be sanded and cleaned thoroughly. On exotic timbers, apply properly the PU isolant [PI280] as first coat. Sand the isolant before application of Polyacrylic for exterior wood. Product can be utilized as base coat and top coat.

To acheive a concrete surfaces , arrange well the top then apply the polyacrylic for the protection of the surfaces.

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### PRODUCT PREPARATION

#### CATALYST

by weight 50%	CP019	by volume 50%
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**Pot Life** 4 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.

#### Dilution

**Roller:** Dilute with PU thinner [TP292] at 30-40%.

**Brush:** Dilute with PU thinner [TP292] at 30-40%.

In case of hot and humid climate, add 5 -10% of PU retardant thinner [TP222].

### APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is 150 gr / sq.m. / coat. The number of coats depends on the surface preparation the porosity of the substrate, and the finish required.

#### Following Treatments

By roller or brush, stir very well the part "A" to obtain distribution of matting agent contents in the product. Mix the two components and wait 20 – 30 min for pre-reaction. Apply 2-3 coats with sanding in between coats.

#### Important:

- Respect time of interval coats
- Do not apply if the environment temperature is under 10°C. Even the temperature of the varnish must be over 10°C.

### 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 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.

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.

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