

POLYESTER PRIMER Product No. **EB 310**

Superior grade Three components High solid Pigmented polyester primer, on non-wax saturated polyester with selected fillers, designed to provide excellent coverage, v. good filling, and easy sand ability, endowed with very good applicability on flat and vertical manufactured wood applications.

USES

Suitable for interior furniture's that needs a basecoat preparation with products of higher solid and fast drying. It is particularly suggested for the basecoat treatment of pigmented working cycles: MDF any various substrates that have to be laquered.

CHARACTERISTICS

Properties

- Good Adhesion
- Very Good Sanding
- very good filling
- excellent coverage

Color	: White.
Specific gravity	: 1.38 Kg/lit [± 0.025]
Weight Solids	: 93% [± 2]
Flash point	: 21°C

Drying Time

Dust Free	: 30 min.
To Touch	: 2 hrs. at 25°C at 25 μ DFT
Interval Coats	: 1 hrs.
To Sanding After	: 5 hrs. at 25°C at 25 μ DFT
Deep Drying	: 12 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.

To obtain optimum surface finish sand the wood properly in the same direction of the wood grain, utilize sanding paper no. [100]. before polyester basecoat application, it is suggested to apply [PI280 or PI281] PU Isolator to achieve final result and to avoid inconvenient. We suggest the application of the same sealer even on MDF.

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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PRODUCT PREPARATION

CATALYST		
by weight 2%	CE030	by volume 2%

Accelerator (CE031) @ 2% by volume and by weight

Pot Life 40 min. at 25°C

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

Dilution

NB: Do not mix accelerator and catalyst directly. The mixture may explode.

Utilize [TE390] Polyester Thinner depending on the application system used. In general 10 -20% thinner is added to achieve an application viscosity of 18- 20 seconds Fc4. This is suitable for spraying.

APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is 180 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 spray gun: Utilizing 2-2.5 mm nozzle at 3-4 ATM/bar, or with airless spray.
For details of spray equipment contact Ritver Technical Services Department.

Non - Absorbent supports 100 - 120 g/sq. m. is sufficient Absorbent Substrates 160 - 200 g/ sq. m can be applied.

In many cases the application of one coat, more or less, loaded is enough. If two coats is required, these can be applied in two ways. 1) Wet-on-Wet with 30 - 60 minutes between coats 2) Apply a second coat once the first coat is fully dry, with an intermediate sanding.

CLEANING

Cleaning

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

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PACKING & STORAGE

Available in 5Kg, 25Kg.

Store in a cool and well ventilated place. Keep away from direct sunlight. Minimum 6 months 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.