

POLYESTER TOPCOAT GLOSS-[CLEAR]

Product No. **ET3299**

[Vertical Application]

Superior grade Three components polyester topcoat, based on unsaturated polyester resins, designed as ideal finishes to basecoat provides good reactivity, very good hardness [to have a perfect polishing] and good elasticity. Successive brushing and polishing treatment is applicable to obtain a resistance and brightness surface.

USES

Product is indicated for vertical surfaces.

NB : Due to the typical rigidity of polyester we suggest to utilise for indoor furniture only .

CHARACTERISTICS

Properties

- Good Adhesion
- Good Plasticity
- Very Good Sanding
- Good coverage

Color	: Transparent.
Specific gravity	: 1.028 Kg/lit [± 0.025]
Weight Solids	: 98% [± 2]
Flash point	: 21°C

Drying Time

Dust Free	: 20 min.
To Touch	: 1 hr. at 25°C at 25 μ DFT
Interval Coats	: 30 min.
To Sanding After	: 8 hrs. at 25°C at 25 μ 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%. 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], and before [ET3299] Polyester topcoat gloss application, it is suggested to apply [PI280 or PI281] PU Isolator to achieve of final result and to avoid inconvenient especially when the wood contents substances that have a bad influence on the drying of polyester.

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PRODUCT PREPARATION

CATALYST		
by weight		by volume
2%	CE030	2%

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

Pot Life 20 min. at 25°C

Additives : [ET3299] Polyester topcoat clear is a wax-free polyester topcoat, and accordingly wax should be added before use.

Dilution

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

Stir Base product well with a flat paddle.

(Base Comp. = A.) (Catalyst Comp. = B.) : (Accelerator Comp. = C.)

Step [1] – Add correct quantity of gently [C] to [A] and stir well.

Step [2] – Add correct quantity of gently [B] to [A] and stir well.

Step [3] – Thin to require Viscosity and stir well.

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. Product must be applied by spray gun and on vertical surfaces.

Following Treatments

By spray gun: Utilizing 2-2.5 mm nozzle at 3-4 ATM/bar, of pressure.
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.

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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. Six months in unopened container, stored in a cool and dry condition at 25°C.

Shelf-life: 6 months.

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.