

POLYESTER TOPCOAT CLEAR

Product No. **ET3199**

[Horizontal 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

It is indicated for horizontal surfaces.

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

CHARACTERISTICS

Properties

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

Color	: Transparent.
Specific gravity	: 1.032 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.

The application can be done directly on wooden substrate or on the same previously treated with (PI 280)polyurethanic isolator when the wood contents substances have a bad influence on 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

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.

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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. Shelf life 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.