

PU TOPCOAT CLEAR – [GLOSS] Product No. PT 2599

[Anti-scratch]

Anti-scratch Clear Gloss two components Polyurethane Topcoat, formulated with solid content combined with fast drying, good transparency, flow, and leveling characteristic, provide the excellent equalization of the gloss effect. Combined with the high mechanical resistant and soft slippery touch that enhances the overall beauty and feasibility of the finishing product.

USES

For interior use on all furnishings as wardrobes, closet, paneling, doors, windows frame, and casting, etc. The overall characteristics such as extensibility, gloss effect equalization, transparency and resistance to polishing have been developed to the maximum which in turn enables the product to have almost unlimited possibilities in the furniture industry.

CHARACTERISTICS

Properties

- Very Good Water Resistance
- Very Good Transparency
- Very Good Leveling
- Very Good Flow
- Fast Drying
- Very Good Hardness
- Very Good Anti-scratch

Appearance	: Gloss
Color	: Transparent
Specific gravity	: 0.98 Kg/lit [± 0.025]
Weight Solids	: Approx. 52% [± 2]
Weight Solids blended	: Approx. 48% [± 2]
Flash point	: 21°C
Drying Time	
Dust Free	: 20 min.
To Touch	: 60 min. at 25°C
Interval Coats	: 2 hrs. at 25°C
Deep Drying	: 24 hrs. at 25°C
Polish able	: 48 hrs. at 25°C

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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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] for surface leveling. Apply one coat PU Sanding Sealer, the after drying utilize paper No.[220] to create smoothness to the substrate , then utilize paper No.[400] to achieve perfection of substrate, as is adequate sanding and removal of dust prior to application of first coat. Control the compatibility of Stains eventually used.

PRODUCT PREPARATION

CATALYST		
by weight 50%	CP004	by volume 50%

Pot Life 3 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

Utilize [TP294 or TP297] PU Thinner depending on the application system used. In general 20 - 30% thinner is added to achieve an application viscosity. This is suitable for spraying.

For Curtain coater 20% Thinner is added to achieve an application viscosity. In case of high humidity climate add 5-10% [TP222] PU retardant thinner. We can go up to 60% thinner in case of very hot weather.

APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is 130 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

Cleaning

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

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Date Revised: 01st Jan 2012

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PACKING & STORAGE

Available in 5Ltr, 25Ltr.

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 & 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.