

PU MULTIPURPOSE SEALER CLEAR

Product No. **PB 209IT**

[Fire retardant in compliance with Class 1-BS 476: Part 7:1997]

A Fire retardant PU sanding sealer endowed with very good coverage, plasticity, hardness and softness. Designed with a special property of protecting the wood against fire that is the capacity of the varnish film, provides in case of fire the required time to delay the propagation of flames (for 1 HOUR), and doesn't concern the protection of the substratum from fire effects. It can be used in tunnel varnishing cycle with forced air and in environment conditions. This product is following the LEED Certified EQ C4.2 as part of the rules 1113 for the architectural coatings, it has a Low VOC, less water and less exempt in the range of 344 g/l.

USES

It is used for furniture, furnishing components, cabinets, doors, windows, etc.
Area to use: Interior

CHARACTERISTICS

Properties

- Very Good Adherence
- Very Good Sanding
- Very Good Plasticity
- Very Good Covering

Appearance	: Matt
Color	: White
Specific gravity	: 1.03 kg/L [± 0.025]
Visc. Ford 4/27-29°C	: 70 [± 5] sec.
Weight solids	: 71% [± 2]
Weight solids blended	: 48% [± 2]
Flash point	: 21°C
Drying Time at 25°C	
Dust Free	: 15 mins.
To Touch	: 30 mins. at 25 μ DFT
Interval Coats	: 1.30 hrs.
To Sand After	: 4 hrs. at 25 μ DFT
Deep Drying	: 24 hrs.

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. Good sanding of wood surface is advisable before application of [PB209 IT] FR PU sanding sealer, with sanding paper no. [100]. Control the compatibility of stains eventually used, the number of coats is related with the coverage desired but normally not less than 2 cross coats. After drying sand very well the basecoat with sanding paper no. [220] followed by paper no. [400], in order to get the appropriate smoothness before the application of the topcoat.

PRODUCT PREPARATION

CATALYST

by weight		by volume
50%	CP015 IT	50%

Pot Life 3 hrs. @ 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 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.

Date Revised: 10 April 2019

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PRODUCT PREPARATION

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

Spraying: Dilute with PU thinner [TP292] at 20-30%.

Curtain Coater: Dilute with PU thinner [TP292] at 20%.

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

NB: In winter we suggest PU thinner [TP290] for faster drying and in hot climate we can use PU thinner [TP293] to avoid bubbles and blooming.

APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is 200 gr / sq.m. The number of coats depends on the surface preparation the porosity of the substrate, and the finish required.

Following Treatments

It is possible to apply matt and glossy fire rated top finish.

NOTE

For a correct working cycle, verify that:

- Used stain must be dry;
- Substrate humidity must be under 20%;
- No grease and residues on substrate that can cause defect on wetting;
- Substrate hadn't treated with ammonia and peroxide.

For a better result of covering, sanding between coats is advisable.

Follow the indication of reducing and time of interval coats.

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. Maximum of 18 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.