

PU SANDING SEALER

Product No. **BC315**

[Standard Grade]

Standard Grade high transparent two components Polyurethane sanding sealer formulated with condensed content combined with excellent wetting of the wood pore allows the sealing of any wood substrate. The product has good leveling and sanding properties with a very high clarity.

USES

Designed for use on all interior furniture and paneling, doors, windows, frames, veneer and casting. Can be used for open grain and closed grain finishes, depending on the viscosity and number of coats applied. It is especially designed to over coat with full glossy system.

CHARACTERISTICS

Properties

- Good Covering
- Very Good Sanding
- Very Good Plasticity
- Good Adhesion
- Good Transparency

Color : Transparent.
Specific gravity : 0.98 Kg/lit [± 0.025]

Weight Solids : Approx. 46% [± 2]
Weight Solids blended : Approx. 38% [± 2]
Viscosity : 100 \pm 5Sec @ 27/29°C

Drying Time

Dust Free : 15 min.
To Touch : 25 min. at 25°C at 25 μ DFT
Interval Coats : 1 hr. 30 min.
To Sanding After : 4 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%. The 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. [120]. Then and after sealer drying, utilize paper No.[220] to create smoothness to the substrate, then utilize paper No.[400] to achieve perfection of substrate till reaching between coats is essential, practice adequate sanding and remove dust prior to application of first coat. Control the compatibility of Stains eventually used.

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PRODUCT PREPARATION

CATALYST		
by weight 50%	C015	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 PU Thinner depending on the application system used. In general 25 -30% thinner is added to achieve an application viscosity of 16-18 seconds Fc4. This is suitable for spraying.

For Curtain coater 25% Thinner is added to achieve an application viscosity of 30 second Fc4. In case of hot humidity climate add 5-10% [TP222] PU retardant thinner.

In winter we suggest utilization of [TP290] for fast drying.

In Hot climate we suggest also utilization of [TP292] PU thinner to avoid bubbles and blooming.

APPLICATION METHODS

Depends on the finishes required but in general an appropriate rate is 120 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: it is possible even to use airless and air-mix equipments. 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 Cleaning.

PACKING & STORAGE

Available in 5Ltr, 25Ltr.

Store in a cool and well ventilated place. Keep away from direct sunlight. Minimum two years 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,

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Date Revised: June 9, 2019



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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.

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