

## PU PRIMER - [GREY] **Product No. BC345**

[Commercial Grade]

Commercial grade pigmented two components Polyurethane primer surfacer formulated with compact content combined with fast drying, very good flow, and wetting of the wood substrate, results in a basecoat with good sanding properties endowing to a superbly prepared surface for subsequent coats.

### USES

Designed for use on all interior furnishings as wardrobes, closet, paneling, doors, windows frames, casting etc.... The product is fast drying which allows quick handling of the furniture.

### CHARACTERISTICS

#### Properties

- Commercial Grade
- Good Sanding Property
- Good Filling
- Good Plasticity
- Fast Drying

<b>Appearance</b>	: Matt
<b>Color</b>	: Pigmented [Grey]
<b>Specific gravity</b>	: 1, 49 Kg/lit [±0.025]
<b>Weight Solids</b>	: Approx. 72% [± 2]
<b>Weight Solids blended</b>	: Approx. 54% [± 2]
<b>Viscosity</b>	: 200 ± 20Sec @ 27/29°C

#### Drying Time

Dust Free	: 15 min.
To Touch	: 40 min. at 25°C at 25μ DFT
Interval Coats	: 1, 30 hrs.
To Sanding After	: 3 hrs. at 25°C at 25μ 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. [100], then and after surface leveling remove the dust prior to application of first coat [BC313] PU Sanding Sealer diluted 50-60%. After drying, [1.30 hrs.], over coated with [BC345] PU Primer, this will be for very porous wood.

For normal wood, sand the surface with sanding paper no. [100], then apply directly the [BC345] PU primer.

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### PRODUCT PREPARATION

#### CATALYST

by weight 30%	C016	by volume 50%
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**Pot Life** 3 hrs. at 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 [TP291] 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 20% 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 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 Cleaning.

### PACKING & STORAGE

Available in 5Kg, 25Kg.

Store in a cool and well ventilated place. Keep away from direct sunlight. Maximum 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.

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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