

## ACRYLIC TOPCOAT BLACK-[GLOSS] Product No. AT4499

Two components AcrylicTopcoat Black – Gloss, formulated with non-yellowing content combined with good pigment endowed with good flow ,and leveling characteristics provides the excellent equalization of the gloss effect combined with the high mechanical resistant and soft touch that enhance the overall beauty and practicality of the finishing product.

### USES

Applicable on pale wood as [maple, birch ash, reconstructed veneers, etc...] and further coatings as white or pastel colored the surfaces and protect them from yellowing.

### CHARACTERISTICS

#### Properties

- Good Adhesion
- V. Good Scratch Resistance
- Good Hardness
- Good Plasticity

<b>Appearance</b>	: Gloss
<b>Color</b>	: Black
<b>Specific gravity</b>	: 1.01 Kg/lit [ $\pm 0.025$ ]
<b>Weight Solids</b>	: Approx. 42% [ $\pm 2$ ]
<b>Weight Solids blended</b>	: Approx. 40% [ $\pm 2$ ]
<b>Flash point</b>	: 21°C
<b>Drying Time</b>	
Dust Free	: 15 min.
To Touch	: 20 min. at 25°C
Interval Coats	: 24 hrs.at25°C
Deep Drying	: 35 hrs. at25°C
Polish Ability	: 48 hrs.

### 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]. After sealer dry , utilize paper No.[220] to create smoothness to the substrate , then utilize paper No.[400 ] to achieve perfection of substrate . Apply basecoat [AB401] Acrylic sanding Sealer till reaching between coats is essential, as is adequate sanding and removal of dust prior to application of first coat [AT4499] Acrylic Black Gloss. Control the compatibility of Stains eventually used.

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### PRODUCT PREPARATION

CATALYST		
by weight		by volume
20%	CA040	20%
50%	CA040-1	50%

**Pot Life** 8 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 10-20% Thinner is added to achieve an application viscosity. In case of high humidity climate add 5% [TP222] PU retardant thinner. In case of hot weather, we can go up to 60% thinner.

### APPLICATION METHODS

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

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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.