

ACRYLIC SEALER Product No. **AB 401**

Two components Acrylic Sealer formulated with special filling contents combined with high opacity, plasticity and very good sanding properties , indicated to level veneered or solid timber , results in a good wetting of the wood pore .

USES

Designed for use on all interior furnishing as wardrobes, closet, sofas, paneling, doors, windows frames, casting etc.... The product is fast drying which allows for quick handling of the furniture. It can be also applicable in tunnel varnishing cycle with forced air and environmental conditions.

CHARACTERISTICS

Properties

- V. Good Plasticity
- V. Good Adhesion
- V. Good Sanding Properties
- V. Good Filling

Appearance	: Matt
Color	: Transparent Milky
Specific gravity	: 0.98 Kg/lit [± 0.025]
Weight Solids	: Approx. 39% [± 2]
Weight Solids blended	: Approx. 36% [± 2]
Flash point	: 21°C

Drying Time

Dust Free	: 20 min.
To Touch	: 60 min. at 25°C at 25 μ DFT
Interval Coats	: 2 hrs.
To Sand After	: 8 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. [100]. Then and after surface leveling, remove the dust prior to application of first coat [AB401] Acrylic Sealer. After drying, minimum [8 hrs.], it is possible to sand the surface utilizing sanding paper no. [220-320] over coated with Acrylic Top coat

NB: Do not apply thick coat in order to avoid inconvenience before applying the topcoat.

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PRODUCT PREPARATION

CATALYST		
by weight 20%	CA040	by volume 20%

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 [TP291] 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 hot humidity climate add 5% [TP222] PU retardant thinner.

APPLICATION METHODS

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