



PU SEALER CLEAR SOLVENT BASE TWO PACK

Product No. **ECD 1437**

A two component material with high covering power, elasticity and sanding characteristics. Because of the excellent quality of raw material, it does give a covering film of great transparency and requires minimum coat. Best for furniture, office tables, shelves, turned pieces, cabinet, and all wood works. . **This material is following the DCL Certification no. CL 16020409. It has VOC of 397 g/L. (GBRS limit is max. 500 g/L), Heavy Metals: Cadmium and Chromium (GBRS limit<500 mg/kg), Arsenic, Mercury and Lead (GBRS limit<100 mg/kg, Formaldehyde≤ 10 mg/kg.**

CHARACTERISTICS

Properties

- Very Good Sandibility
- Very Good Adhesion
- Very Good Plasticity
- Good Transparency

Color	: Transparent
Specific gravity	: 0.99 Kg/L [± 0.025]
Viscosity Ford cup-4/25°C	: 50 sec. [± 5]
Weight Solids	: 47% [± 2]
Weight Solids blended	: 42% [± 2]
Flash point	: 21°C
Drying Time @ 25°C	
Dust Free	: 15 mins.
To Touch	: 25 mins.
Interval Coats	: 1 hr. & 30mins.
To Sanding After	: 3 hrs.
Deep Drying	: 24 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. [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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PRODUCTION PREPARATION

CATALYST

by weight		by volume
40%	ECD 1047	40%

PRODUCTION PREPARATION

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

Spraying: Dilute with PU thinner TP292 at 25-30%.

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

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

N.B: In winter we suggest TP 290 for faster drying and in hot climate we can use TP292 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: It is possible even to use airless and air-mix equipment. For details of spray equipment contact Ritver Technical Services Department.

By Curtain: This product can be applied even with curtain coater; control the viscosity during application adding PU thinner to balance the evaporation of solvents.

Apply one or more coats according to the desired covering.

SUBSEQUENT TREATMENTS

It is possible to apply matt and glossy top finish, polyurethane or nitrocellulose based, due to the working cycle used, and belonged to our furniture series.

Note

For a correct working cycle, verify that:

- Used stain must be dry;

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.

Date Revised: May 1, 2019



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- 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.

PACKING & STORAGE

Available in 1Ltr, 5Ltrs, 25Ltrs.

If the drum is hermetically closed and well stored at 25°C, the product has 18 months of shelf-life.

The hardeners have six months of shelf-life

SAFETY PRECAUTION

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.