



## PU PIGMENTED MATT SOLVENT BASE TWO PACK

Product No. **ECD 156X**

[Standard Grade]

It is two components white Polyurethane topcoat with high mechanical resistance and soft slippery touch. It exhibits a fast drying, very good leveling with good equalization of matting effect. **[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].**

### USES

For interior use on all furnishings as wardrobes, closet, paneling, doors, windows frame, and casting, etc. The overall characteristics such as extensibility, Matt effect equalization, pigmentation and resistance to polishing have been developed to the maximum which in turn enables the product to have almost unlimited possibilities in the furniture industry

### CHARACTERISTICS

#### Properties

- Gloss 60°C , from 5 to 70 (ASTM D523/67)
- Hardness (Good)
- Plasticity (Good)

#### Available in the following Shades

- ECD 1560 DM 6% [±1] Gloss
- ECD 1561 MT 12% [±3] Gloss
- ECD 1562 SM 30% [±5] Gloss
- ECD 1563 SG 50% [±5] Gloss
- ECD 1564 GL 70% [±5] Gloss

<b>Appearance</b>	: Matt
<b>Color</b>	: White
<b>Specific gravity</b>	: 1.25 ± 0.025 kg/L
<b>Viscosity Ford-4 @25°C</b>	: 150 ± 10 sec.
<b>Weight Solids</b>	: Approx. 64 ± 2%
<b>Weight Solids blended</b>	: Approx. 50 ± 2%
<b>Flash point</b>	: 21°C
<b>Drying Time at 25°C</b>	
Dust Free	: 10 mins.
To Touch	: 50 mins.
Interval Coats	: 3 hrs.
Deep Drying	: 24 hrs.

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: April 29, 2019



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### SURFACE PREPERATION

This can be applied on pigmented polyester or polyurethane products; one or more coats depending on the substrate and desired covering. Sand very well the surface before application of the top finish. Apply evenly.

### PRODUCT PREPARATION

#### CATALYST

by weight 30%	ECD1013 NY	by volume 30%
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**Pot Life** 3 hrs. @ 25°C

#### **Dilution**

Use PU thinner TP292 to dilute the system:

Spray application: Dilute with PU Thinner at 20 -30%.

Curtain application: Dilute with PU Thinner at 20%.

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

### APPLICATION METHODS

The number of coats depends on the porosity of the substrate and the finish good decide.

Appropriate Rate: 140 gr/ sq.m.

Spray gun: Use spray gun with a 1.6 - 1.8mm. Nozzle at 3-4 atm/bar. Airless and air-mix equipment may also be used.

Curtain Coater: The most important thing is to keep the starting viscosity on right value, adding some thinner to compensate the evaporation. Apply 1 or 2 coats of product (without sanding between, waiting 60-90mins.) according to the desired covering.

Clean all tools and equipment immediately after use with [TC 010] Tool Cleaning.



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### SUBSEQUENT TREATMENTS

After drying this product do not need particular subsequent treatment. In case of ageing treatment request, contact our Technical Department or consult Technical Data Sheet relative to the products mentioned.

#### Note

When retardant thinner is used (critical condition of temperature) the gloss value can be increased a bit (5 gloss more). Do not apply more than 2 coats of top finish. Respect interval coats, drying time and quantity suggested.

### PACKING & STORAGE

Available in 1Ltr., 5Ltrs., 25Ltrs.  
N.B. We fill 1Kg per Ltr.

If the drum is hermetically closed and well stored at 25°C, the product has 18 months of shelf-life. The hardener have 6 months of shelf-life

### SAFETY & FLAMMABLE

This material is flammable and must not be exposed to naked flames. Keep away from sources of ignition. No Smoking. Keep out of reach of children.  
Use only in well ventilated areas. In case of insufficient ventilation during application, wear suitable respiratory equipment. 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. For health and safety information, please refer to relevant SDS.