

PU CLEAR SOLVENT BASE TWO PACK

Product No. **ECD 158X**
[Superior Grade]

Clear polyurethane matt finish endowed with very good covering, transparency, plasticity and hardness. Indicated to varnish furniture, doors, furnishing components.

Do not use for exterior. **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 ≤ 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, transparency 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

- Good Adhesion
- Very Good Hardness
- Good Antiscratch
- Gloss 60° from 5 to 70 (ASTM D523/67)

Available in the following Shades

- ECD1580 DM 4% [±1]
- ECD1581 MT 10% [±2]
- ECD1582 SM 30% [±2]
- ECD1583 SG 50% [±2]
- ECD1584 GL 70% [±2]

| | |
|----------------------------------|------------------------|
| Appearance | : Matt |
| Color | : Transparent |
| Specific gravity | : 0.97 Kg/lit [±0.025] |
| Viscosity Ford cup-4/25°C | : 60 sec [±5] |
| Weight Solids | : 42% [± 2] |
| Weight Solids blended | : 35% [± 2] |
| Flash point | : 21°C |
| Drying Time at 25°C | |
| Dust Free | : 15 mins. |
| To Touch | : 30 mins. |
| Interval Coat | : 3 hrs. |
| Deep Drying | : 24 hrs. |

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SURFACE PREPARATION

It can be used on transparent basecoats PU or polyester based one or more coats according to desired covering. Good sanding of basecoat is necessary before application of the top finish.

PRODUCT PREPARATION

| CATALYST | | |
|------------------|----------|------------------|
| by weight 40% | ECD 1047 | by volume 40% |

Pot Life 3 hrs. @ 25°C

Additives Not necessary in normal conditions

Dilution

Spraying: Dilute with PU thinner TP292 at 20-30%.

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

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

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: Use spray gun with 1.8-2 mm. nozzles at 3-4 atm/bar. Air mix and airless pumps may also be used. In this last case do preliminary test. For spray application, reduce at 20-30% with PU thinner.

By curtain: The most important thing is to keep controlled the viscosity during the varnishing, adding some PU thinner to compensate the evaporation of solvents.

SUBSEQUENT TREATMENTS

After drying this product, it does not need any subsequent treatment.

Note:

Apply the top finish on substrates well sanded and without any residues of sanding.

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 hardener Have 6 months of shelf life.



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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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