

# PU White Matt

**Product code: E/156X-TIX**

Color: White

Finish: Matt

## Composition and Application Field

Premium grade two components Pigmented Polyurethane Topcoat, formulated with solid content combined with fast drying good transparency, flow, leveling and antibacterial characteristics, provides the excellent equalization of the matt effect. Combined with the high mechanical resistant and soft slippery touch that enhances the overall beauty and feasibility of the finishing product.

Do not use for manufactured outdoor exposed. Available in the following version:

|           |             |
|-----------|-------------|
| E/1560TIX | 6±1% Gloss  |
| E/1561TIX | 12±3% Gloss |
| E/1562TIX | 30±5% Gloss |
| E/1563TIX | 50±5% Gloss |
| E/1564TIX | 70±5% Gloss |

## Product Preparation

|                 |           |           |               |
|-----------------|-----------|-----------|---------------|
| <b>Catalyst</b> | by weight | by volume | with hardener |
|                 | 50%       | 60%       | E/1009 M      |
|                 | 50%       | 60%       | E/1009 NY     |

**Additives** Not necessary in normal conditions

**Pot Life** 3hrs. at 25°C

## Dilution

Spraying: Dilute with PU thinner E/613 at 20-30%.  
 Curtain Coater: Dilute with PU thinner E/613 at 20%.  
 In case of hot and humid climate, add 5 -10% of PU retardant thinner E/622.

## Technical Characteristics

|                       |      |                |
|-----------------------|------|----------------|
| Physical Properties   |      |                |
| Specific gravity      | 1.24 | (± 0,025) Kg/l |
| * Visc. Ford          | 320  | (± 20) Sec.    |
| 4/ 25°C               |      |                |
| Weight solids         | 64%  | (± 2) Kg/Kg    |
| Weight solids blended | 50%  | (± 2) Kg/Kg    |
| Flash Point           | 21   | grades         |
|                       |      | centigrade     |

(Abel Pensky closed cup)

Application Rate ..... 140gr/m<sup>2</sup> (per coat)

Drying @25°C

|               |        |
|---------------|--------|
| * Dust free   | 10 mn  |
| Touch drying  | 50 mn  |
| Interval coat | 3 hrs  |
| Deep drying   | 24 hrs |

## Dry Film Characteristics

Mechanical Characteristics

|                       |                             |
|-----------------------|-----------------------------|
| Gloss 60° .....       | From 5 to 70 (ASTM D523/67) |
| Plasticity .....      | Good                        |
| Hardness .....        | Good                        |
| Leveling .....        | Good                        |
| Retention color ..... | Good                        |

## Surface Preparation

All timber species must be fully aged with a moisture content of less than 15%. 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, utilize sanding paper no. 220 to create smoothness to the substrate, then utilize paper no. 400 to achieve perfection of substrate, as is adequate sanding and removal of dust prior to application of first coat. Control the compatibility of stains eventually used.

## Application Method

Spray gun: Use spray gun with a 1.8 - 2mm. nozzle at 3-4 atm/bar. Airless and air-mix equipments may also be used.  
 Curtain Coater: It is recommended to control the viscosity during application by adding PU Thinner to balance the evaporation of solvents

## 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

Available in 1 ltr, 5ltr, 25ltr.  
**N.B:** We fill 1Kg per ltr.

## Storage

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