

Time Urethane Wood

TI-28001

Description

A glossy, transparent final layer paint for wooden surfaces, with high quality, resistance to ultraviolet rays, non-yellowing, and smooth texture. It consists of two components and is manufactured on polyurethane resins.

Recommended Use

It is used as a final paint on concrete, cement, gypsum, pressed boards and clay brick surfaces in external applications, especially in areas where the paint is required to resist harsh weather factors. It can be used in internal applications.

Characteristics

- Time wood Urethane has the following characteristics:
- Transparent, seated appearance
- Properties of jalousie in resisting yellowing
- Resistance of the seat to weather conditions
- Properties of adhesion and hardness of the gum
- High resistance to solvents.

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Physical Constants

Appearance	shiny	-
Colour	transparent	-
Specific gravity	0.95 (after mixing the two components)	ASTM D1475
Viscosity	20 seconds, Ford Cam 4, (after mixing the two components)	ASTM D1200
Solid volume	30%	ASTM D5201
Layer thickness	The suggested thickness of the dry layer is 30 microns per layer	-
Diffusion rate	The theoretical diffusion rate is 10 m ² /L, at a dry layer thickness of 30 microns.	-
Bleeding point	up to 100 micron	ASTM D4400
Hardness	Pass	ASTM D3363
Scratch resistance	1kg pass	ASTM D5178
Second	Passing at 3mm diameter	ASTM D522
Adhesion strength	Pass	ASTM D3359
Water resistance	Pass	ASTM D870
Chemical resistance	Pass	ASTM D1308
Flash point	23°C	-

Application Tools

Spray gun: Suggested nozzle size: (1.5 – 1.8) mm

Thinner

“Time Thinner 504”

Thinning Ratio

(10 - 15)% by volume, when using a spray gun in application.

It depends on the weather conditions and implementation conditions when used.

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Painting System

- Prepare and prepare the surface by cleaning it appropriately
- Mix the foundation with the hardener evenly according to the suggested ratio
- Dilute the mixture with diluent in the suggested proportions

If you want to get the natural look of a wooden surface:

- Apply two coats of Time Urethane Sanding Sealer primer.
- Sand the foundation and clean it well
- Apply two coats of "Time Urethane Wood".

If you want to use wood stain:

- Paint with "Wood Stain" as desired
- Apply two coats of Time Urethane Sanding Sealer primer.
- Sand the foundation and clean it well.
- Apply two coats of "Time Urethane Wood".

Note: In the case of rough surfaces, additional layers of "Time Urethane Sanding Sealer" primer can be applied in both of the above cases.

Drying Time

- **Dry to the touch** : 1 hour
- **Complete dryness** : 12 hours.
- **Recoating Interval** : 12 hours (Minimum).

Previous results under ASTM D5895

Packing

- Gallon: 2.88 liters
- Liter: 0.72 liters

Shelf Life & Storage

In sealed container: 24 months in dry, cool and well ventilated place.

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Safety Precaution

- Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
- Handle with care before and during use.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided.
- Recommended to use the product in well-ventilated area when applying the paint in insufficient ventilated areas, forced ventilation should be provided.
- Keep away from the reach of children.

For environmental safety : please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Disclaimer

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Al-Daman Building Materials Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Timepaints TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Timepaints quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.