

EPU T600

EASY TO USE TRANSPARENT ANTIDUST LOW-THICKNESS COATING

Description

T600 is a mono-component, methacrylate transparent urethane coating. It is used as a finishing coat on existing resin surfaces and concrete surfaces. T600 is perfect for application on surfaces with moisture. Can be used for civil environments subject to pedestrian traffic, such as houses, shops and hotel reception areas but also for industrial places like warehouses.

Features

- Liquid, one-component, low-viscosity product, which penetrates into cement by capillary absorption
- It contains special thermoplastic methacrylate polymers with high distortion temperature that have a consolidating, hydrophobic and protective action on treated materials, preventing the absorption of oils, water, dirt etc.
- Cement treated with **T600** does not show any tendency to yellowing, it is resistant to washing, it is not sticky and therefore does not retain dirt.
- Application temperature +5°C to +35°C with relative humidity <80%

Fields of application

T600 improves the floor resistance to traffic and scratches and gives it a gloss finish. Excellent for the treatment of floors in garages, warehouses, etc. also outdoor surfaces such as squares, or parking lots. **T600** can be also applied 8 hours after realization of the cement products (it is advisable to carry out preventive tests anyway).

Application guidelines

T600 can be applied with roller or spray on existing resin surfaces, concrete, stones and wood.

a) Substrate Preparation

Surface must be clean, sound and dry. Remove dust, laitance, grease, curing compounds, Preparation bond inhibiting impregnations, waxes and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. Concrete - Should be cleaned and prepared to achieve a laitance-free and contaminant-free, open textured surface by shot blasting or equivalent mechanical means (CSP-3 to CSP-4 as per ICRI guidelines). Sweep and vacuum any remaining dirt and dust with a wet/dry vacuum. Removing residual dust will help ensure a tenacious bond between the primer and substrate. Whenever "shot-blasting" is utilized, be careful to leave concrete with a uniform texture. "Over-blasting" will

result in reduced coverage rates of the primer and/or subsequent topcoats. The “shotblast” pattern may show through the last coat, known as “tracking”. The compressive strength of the concrete substrate should be at least 3,500 psi (24 MPa) at 28 days and at least 215 psi (1.5 MPa) in tension at the time of application.

b) Preparation of the product

T600 is a mono-component product ready to use.

c) Application

Apply **T600** with a short roller or sprayer.

Handling and storage

T600 can be stored for 12 months in its original packaging in a dry place at a temperature between +5°C and +35°C.

Wear protective equipment (gloves/safety glasses/clothing) to prevent contact with skin and eyes. Keep container closed in a cool dry place. Wash skin thoroughly with soap and water after use. Use with adequate, general and local, exhaust ventilation. In absence of adequate ventilation, use a properly fitted NIOSH respirator. Remove contaminated clothing. Launder before reuse.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA		
COLOR	TRANSPARENT	STANDARDS
DENSITY	0,93 kg/l	UNI EN ISO 2811-1
VISCOSITY AT 20°C	75 +/- 10 mPa·s	EN ISO 2555
NON-VOLATILE-MATTER CONTENT By weight	21%	EN ISO 3251
CURE RATE Touch dry	20-30 minutes	77°F / 25°C

The information contained in this sheet are based on our knowledge and current experiences. They cannot in any case imply a guarantee by our side, nor responsibility for the use of our products, since the usage conditions are not under our control. Before using the product it is thus advisable to make practical tests to confirm the suitability for the intended use in the real operating conditions. EPUFLOOR Sp. z o. o. reserves the right to modify technical features, descriptions and illustrations in any moment. The company declines any civil liability for the non-compliant or inappropriate employment of the product compared to what is disclosed in the technical data sheet.