

POLYRTAN TOP COAT 50 ELASTMAT UV



DESCRIPTION

POLYRTAN TOP COAT 50 ELASTMAT UV is a two component, acrylic polyurethane-based, elastic top coat flat (matte) paint. It is used as a top coat paint where atmospheric corrosion and UV resistance is required and elasticity is desired.

FIELDS OF USAGE

- It is used on terraces, balconies and wet floors.
- It is used on concrete or metal surfaces.
- It is used on polyurethane, polyurea and epoxy coated surfaces.
- It is used as a top coat in most outdoor spaces since it has UV resistance.
- It can be used in indoor and outdoor swimming pools.

NOTE:

- Please note that the ideal temperature of the surface should be between 15°C - 30°C. The temperature should never be below 10°C. Please consult the technical service of Marof Yapı for application on different floors.

ADVANTAGES

- Elastic.
- Prevents openings by bridging the surface during cracks since it provides complete adhesion to the surface.
- Does not crack or break.
- Does not cause yellowing, matting or chalking thanks to its UV resistance.
- Can be easily applied to floors and vertical surfaces with a brush, roller or airbrush thanks to its low viscosity.

PREPARING THE SURFACE FOR APPLICATION

- The surface must be free from oil, rust, dust and similar impurities.
- There should be no moisture or loose layers on the application surface.

APPLICATION

- The glossy surface should be roughened with shot-blast, slim or freeze.
- The prepared concrete surface should be primed with POLYEPOXY EMP/PR 100, the solvent-free

epoxy impregnated concrete primer, taking into account the application instructions.

- Cracks and holes on the surface, if any, should be repaired using epoxy putty.
- POLYRTAN TOP COAT 50 ELASTMAT UV, the aliphatic elastic polyurethane flat topcoat paint, is applied on the primer mentioned above or if necessary, on solvent-free elastic PU, polyurea or EP coatings with a brush, roller or preferably with an airbrush.

CONSUMPTION

- With a consumption rate of 0,150 – 0,200 kg/m² at one coat, a dry film thickness of 50 – 55 µ is obtained.

SHELF LIFE AND STORAGE

- Shelf life is at least 6 months under proper storage conditions.
- It should be stored at 15 - 25°C and in a damp-free and closed space out of direct sunlight, and as unopened, in its original package.

TOOL CLEANING

- Tools should be washed with plenty of water immediately after use, and after drying, the remaining parts should be cleaned with thinner.

PACKAGING

- Total Net: 20 kg (A: 17,00 kg /B: 3,00 kg)

CAUTION

- Floor and ambient temperature and humidity should be taken into account in applications made in open and closed spaces.
- The relative humidity of the floor should be below 4% and ambient humidity should be below 65%.
- It should not be touched for 24 hours after the

application and should not come into contact with water.

- During the application, appropriate amount of mixture should be prepared, and the application should continue until all of this mixture is consumed.
- The full hardening time of POLYRTAN TOP COAT 50 ELASTMAT UV, which is applied at 520 – 25 °C, is 7 days on average at room temperature.
- It can be thinned by a maximum of 5-10% by using polyurethane thinner.
- After component A is mixed in its own package, all of component B should be poured into component A and mixed for at least 3 minutes until the two components form a homogeneous mixture. It is recommended to mix at low speed to prevent air bubbles in the mixture.



TECHNICAL SPECIFICATIONS

Number of Components	2
Mixture Ratio (by weight)	A/B 85/15
Mixture Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,20 ± 0,10
Mixture Life (min., 23°C, 100 ml) (DIN16945)	min. 120
Mixture Viscosity (mPas, 25°C) (EN ISO 3219)	300 – 600
Drying Time (23°C) (TS 4317)	Touching : 8 - 10 hours
	Time for Next Coating (Hours) 12-24
Full Hardening (Week)	1



CAUTION

MAROF YAPI is not responsible for any defects or errors that may arise if the product is used on a surface or for properties other than described above.