

PU OVERLINE 2K

PU Solvent Based, Elastic Mat Line Marking Topcoat

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PRODUCT DESCRIPTIONS

UNIPU OVERLINE 2K is used indoor and outdoor as elastic weathering resistant line marking coatings for the L'UNICFLEX MULTI, L'UNICFLEX PRO, L'UNICFLEX SPRAY COATING and L'UNICFLEX indoor installation of sports surfacing systems, as Pigmented system UNIPU OVERLINE is used on outdoor sports surface to improve UV resistance and color stability

PRINCIPAL CHARACTERISTICS

- Long pot life,
- Excellent curing
- Very good moisture resistance during the curing process.
- Outstanding durability,
- Wear resistance,
- Strength and elasticity once fully cured.
- Easy to apply in all conditions

COLOURS: Red, Green, Blue, White, Yellow, Black.

BASIC DATA (for mixed product at 23 °C)

| | |
|---------------------------------------|-------------------------------|
| Mass Density A Component | 1,23 gr/cm ³ |
| Mass Density B Component | 1,08 gr/cm ³ |
| Mass Density (Mixed) | 1,20 gr/cm ³ |
| Viscosity (Ford Cup 4) component A | 110 sec. |
| Viscosity (Ford Cup 4) component B | 75 sec. |
| Viscosity (Ford Cup 4) Mixed | 55 sec. |
| Pot life at 12 °C | 110 min. |
| Pot life at 23 °C | 75 min. |
| Pot life at 30 °C | 55 min. |
| Ready for foot traffic | <24 h |
| Substrate and application temperature | minimum 10 °C - maximum 30 °C |
| Permissible relative humidity | maximum 90 % |
| Recoating Interval at 23°C | min. 24 h, max. 3 day |
| Fully Cured for at 23°C | 5 days |

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INSTRUCTION FOR USE

| | |
|--------------------|---------------------------------------|
| Mixing Ratio | :by weight base to the hardener 75:25 |
| Pot life at 23°C | :75 minutes |
| Application Method | :by Short-haired roll, brush |

- The Temperature of mixed should be above +15°C
- Thinner shouldn't be added to the product.

SURFACE PREPARATION

Substrates to be coated have to be firm, dry, load bearing and free of loose and brittle particles and substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants. Under these conditions PU OVERLINE 2K can be applied directly on PU FLEX MAT TOPCOAT 2K(see the TDS.)

The surface moisture of the concrete should not be higher than 4%. The temperature of the current dew point temperature.

APPLICATION

A component of PU OVERLINE 2K has to be homogenised before application. This can be achieved by rolling the drums or by thoroughly stirring in tote using a forced stirrer.

Components A and B of PU OVERLINE 2K are weighed out in separate containers in the ratio of 75:25 by weight respectively. Part A and part B are poured into a mixed container and thoroughly mixed using a slowly rotating mixer at about 300 rev/min ensuring that the mixer reaches the sides and bottom of the mixing vessel. The mixing process takes at least two minutes and should be performed until the blend is homogeneous and streak free. The mixed material is then tipped into a second container and mixed for a further minute. For any mixer we recommend you review the manufacturer's instructions, but it is essential to obtain a homogeneous mix. The average component temperature should be 15-25 °C. After the mixing process, PU OVERLINE 2K is applied to the pre-treated substrate using a short-haired roll.

Work and cure time of UNIPU OVERLINE 2K are influenced by ambient and substrate temperature. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, recoating interval and open time. High temperature and humidity accelerate chemical reactions. Direct sunlight shortens the time frames considerably.

UNIPU OVERLINE 2K has excellent water resistance during curing. Nevertheless, as with all systems-based isocyanate, water might cause foaming on the surface of the coating, therefore, after application, the material should be protected from contact with water for a few hours. In case of (expected) rain, UNIPU OVERLINE 2K should not be applied.

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APPLIED SYSTEMS

PU OVERLINE 2K can be used in the following systems:

L'UNICFLEX MULTI

L'UNICFLEX PRO

L'UNICFLEX INDOOR

However, the material can be used in other systems and applications.

PACKING

PU OVERLINE 2K is supplied in

16 kg in Can A and 4 kg in Can B or 4 kg in Can A and 1 kg in Can B.

STORAGE

Store in original closed containers, under dry conditions at temperature range of 5-25 °C. Do not expose the drums to direct sunlight.

Under these conditions, the material has a shelf life 12 months.

SAFETY-RELATED DATA

PU OVERLINE 2K is non-hazardous when cured and contains no formaldehyde, asbestos, mercury, lead or chromate and derivatives. For detailed information on safe transportation, occupational health and safety, please refer to the relevant product safety data sheet (MSDS).

Note

The statements made on this technical sheet are believed to be true and accurate, and are intended to provide a guide for approved construction practices. UNİCA does not make, nor does it authorize any agent or representative to make any warranty, express or implied, concerning this material as workmanship, weather, construction, equipment utilized and other variables affecting results are all beyond our control. UNİCA warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall UNİCA be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or work performed. UNİCA shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.