

# TEMAFLOOR PU FLEX

Elastic and water-impermeable polyurethane

**Temafloor PU Flex is a solvent-free two-component** polyurethane coating. This high gloss finish was especially developed for air-conditioning rooms and other technical premises with demands on elastic and water-impermeability. It can be used on top of old and new concrete floors.

- Elongation at break 180% (7 d)
- Recommended film thickness 1-4 mm
- Very good impact resistance
- Forms seamless and water-impermeable surface
- Self-levelling coating without shrinking or cracking
- To be applied with serrated or steel trowel
- Available in two shades RAL 7035 and TVT 0229
- CE marked.



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## GENERAL REQUIREMENTS FOR THE CONCRETE

The concrete should have sufficient structural integrity to withstand the required preparation work, to support the coating applied to it and to resist intended in-service stresses.

## INSTRUCTIONS FOR APPLICATION

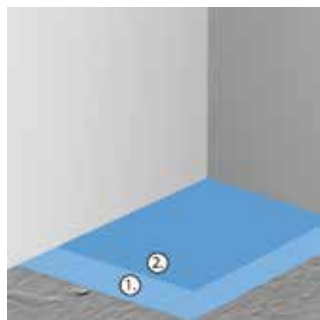
### Pretreatment and priming:

Use either Temafloor 400 epoxy varnish or water-borne epoxy primer Fontefloor EP Primer.

### Topcoating:

Temafloor PU Flex coating is spread with a serrated steel trowel or a trowel. Level with a roller.

### Illustration of application:



1. Priming  
2. Finishing

## Technical data (values for 23°C, RH 50%)

|  |   |
|--|---|
| Film thickness   | 1–4 mm                                      |
| Density (mixture)  | 1,4 kg/l                                    |
| Drying time  | 24 h  |
| Fully cured  | 7 d   |
| Max. RH in concrete  | <97 %                                       |
| Application temperature  | +15 °C – +35 °C                             |
| Color shades   | RAL 7035 and TVT 0229                       |
| Adhesion, EN ISO 4624  | ≥2,0 MPa                                    |
| Impact resistance, EN ISO 6272-1                                     | ≥20 Nm (class III)                          |
| Elongation at break, ISO 37  | 180 % (7 d)                                 |
| Capillary absorption and permeability to CO <sub>2</sub> , EN 1062-3 | w < 0,1 kgm <sup>-2</sup> h <sup>-0,5</sup> |
| Wear resistance, EN ISO 5470-1                                       | ≤ 3000 mg (H22, 1000 g, 1000 rounds)        |
| Fire classification, EN 13501-1                                      | C <sub>fl</sub> -s1                         |

