

TEMAFLOOR P 300

Self-levelling epoxy coating

Temafloor P 300 is a two-component, solvent-free, self-levelling epoxy coating for new and old concrete industrial floors.

The coating is recommended for use on industrial, storage and repair shops floors subject to heavy chemical stress and mechanical abrasion.

By using Temafloor P 300, it is also possible to create patterns and surfaces with a metallic shine on the concrete. Thanks to the aluminium-pigmented base paint, the product can be tinted with all the RAL EFFECT metallic colour shades using Tikkurila's Temaspeed Premium tinting system. Special effects are especially suited for floors where a trendy outlook is appreciated, e.g. in restaurants, cafés, shopping centres and business premises.

- Recommended film thickness 0.5 to 1.0 mm
- Gives a durable, seamless and easy-to-clean surface
- Attractive, trendy colour shades are also available.



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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 200 Primer or Temafloor 400 epoxy varnish.

Topcoating:

Temafloor P 300 coating is spread with a serrated steel trowel or a trowel. Level with a roller.

Temafloor P 300 Metallic can be applied with a brush, roller or high-pressure spraying equipment. Spraying with different colours produces a vivid surface with a metallic shine effect. The metallic surface can also be patterned by rolling crosswise, resulting in fabulous contrasts, which vary depending on the amount of light and the angle of light sources.

FOR PROFESSIONAL RESULTS, SPECIFY TIKKURILA

Additional information is available from the product data sheet and material safety data sheet. Our experienced staff will be pleased to provide full information on coatings specifications and test reports. Contact your nearest Temaspeed distributor or Tikkurila sales representative.

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

Film thickness	0.5–1.0 mm
Density	1.4 kg/l
Touch dry	6–8 hours
Fully cured	7 days
Max. RH in concrete	<97%
Application temperature	+10°C to +35°C
Colour shades	TVT 0229, Temaspeed Premium tinting
Compressive strength, ISO 604	51.2 MPa
Adhesion to concrete, EN ISO 4624	>2.0 MPa
Flexural strength, ISO 178	47.0 MPa
Impact resistance, EN ISO 6272-1	4 Nm
Flexural modulus, ISO 178	2.9 MPa
Tensile strength, ISO 527-2	27.0 MPa
Max. temperature immersion, ISO 3248	+60°C
Max. temperature dry heat, ISO 3248	+70°C
Chemical resistance	See separate table
Waterproof	Yes
Abrasion resistance, EN ISO 5470-1	0.144 g (CS 17, 1000g, 1000 cycles)
Fire classification, EN 13501-1	B _{fl} -s1

