

Fontefloor EP 100

Water-borne epoxy paint

Fontefloor EP 100 is a two-component, water-borne epoxy paint for coating new, and previously painted concrete floors and walls.

The product is recommended for floors in industrial, workshop, storage, hospital and pharmaceutical industry facilities, where floors are subjected to moderate mechanical and chemical stress.

Fontefloor EP 100 is CE-marked product and belongs to emission class M1 for building materials. It fulfils the decontamination test requirements (FRP < 15 000) according to the standard ISO 8690:1988 (STUK-YTO-TR-210).

- Recommended film thickness 0.1–0.2 mm
- Painted surfaces are easy to keep clean
- The paint film is water-vapour permeable
- Environmentally and user-friendly
- M1 approved
- CE marked.



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REQUIRED PROPERTIES OF CONCRETE

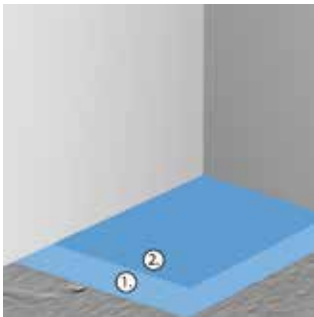
The concrete floor structure must be of sufficient quality to withstand the necessary preparation measures, ensure proper adhesion of the coating and withstand the stress caused by the floor's intended use.

APPLICATION

For priming, Fontefloor EP 100 is thinned by 20–40%.

For finishing, Fontefloor EP 100 is thinned by 0–30%. The number of topcoat layers depends on surface-specific requirements. Slipperiness of the painted surface can be reduced by adding Tikkurila Non-Slip Agent to the primer for increasing surface roughness.

Illustration of application



1. Priming
2. Finishing

More detailed instructions, product descriptions and assistance for planning is provided by Tikkurila's sales personnel.

Technical data (+23 °C, RH 50%)

Film thickness	0.1–0.2 mm
Density (mixture)	1.3 kg/l
Solids volume	59%
Drying time	24 hrs
Fully cured	7 d
Max. RH in concrete	<97%
Application temperature	+15 °C–+35 °C
Colour shades	A and C base paints RAL, NCS, SSG, BS, MONICOLOR NOVA ja SYMPHONY color cards. Avatint tinting systems.
Adhesion, EN ISO 4624	>2.0 MPa
Impact resistance, EN ISO 6272-1	≥4 Nm (class I)
Capillary absorption and permeability to CO ₂ , EN 1062-3	w < 0.1 kgm ⁻² h ^{-0.5}
Permeability to water vapour, EN ISO 7783-2	Class I
Wear resistance, EN ISO 5470-1	≤ 3000 mg (H22, 1000 g, 1000 rounds)

