



System data sheet

Fontefloor tile system

A DURABLE, TWO-COMPONENT, WATER-BORNE FLOOR TILE COATING SYSTEM

INDOOR: FOR BATHROOMS, KITCHENS, HALLWAYS AND SAUNAS

Painted floor tiles give a fresh new look to a whole space and are a faster and more cost-efficient solution than fitting new tiles. Tikkurila's low-emission, M1-classified, EPD-verified floor tile painting system ensures good indoor air quality and can be tinted to any colour.

The system is suitable for ceramic or stoneware tiles on interior floors in public and private premises such as bathrooms, kitchens, hallways and saunas.

Painted tiles are easy to maintain and the finished surface is resistant to hot and cold water, shampoos, oil, grease, food and drink.

Approvals and standards

The floor renovation system consists of M1-classified and EPD-verified products with low levels of volatile organic compounds (VOCs).

Maintaining low levels of VOCs in building materials is key to ensuring good indoor air quality and the wellbeing of users and the environment.

BENEFITS

- ☒ GOOD ADHESION TO TILES
- ☒ RESISTANT TO HOT WATER, SHAMPOOS, OIL AND GREASE
- ☒ VERY GOOD WEAR AND ABRASION RESISTANCE
- ☒ EASY TO CLEAN
- ☒ LOW-EMISSION SYSTEM: M1-CLASSIFIED, EPD-VERIFIED PRODUCTS
- ☒ TINTABLE TO ANY COLOUR
- ☒ GLOSS OR MATT FINISH

GLOSS FINISH



MATT FINISH



System structure, 0.1–0.2 mm

	GLOSS FINISH	MATT FINISH
1. PRIMER	Fontefloor EP 100 (~0.1 l/m ²)	Fontefloor EP 100 (~0.1 l/m ²)
2. TOPCOAT	Fontefloor EP 100 (~0.1 l/m ²)	Fontefloor PU Matt (~0.1 l/m ²)
APPLICATION AREA	Dry and wet rooms (bathrooms and kitchens, <i>excluding</i> shower areas)	Dry and wet rooms (bathrooms, kitchens and shower rooms)

Colours

The topcoat can have a gloss or matt finish and is tintable to any colour on the Tikkurila Symphony, RAL and NCS colour cards.

Technical information

The Fontefloor tile system is suitable for indoor use. We recommend using Fontefloor PU Matt as a topcoat where a matt finish is required. Follow the application instructions and pay attention to mixing ratios. Carefully remove worn silicone before painting. If the primed floor is not painted over within 24 hours, it should be sanded down.

Environmental information

Containers are provided with safety labels, which should be observed.

Further information about hazardous effects and recommended protection are detailed in individual health and safety data sheets.

The product is non-hazardous when fully hardened, forming a seamless, durable and long-lasting surface that reduces the need for repairs, cleaning and maintenance.

Application information

Tiles should be carefully washed and dried before painting. The temperature of the ambient air, surface or coating should not fall below +15°C during application or drying. The relative humidity of the air should not exceed 80%.

Substrate requirements

Check the stability and condition of the floor tiles and joints before painting, ensuring they are well-glued and there are no loose elements. Any damage, defects, and cracks should be repaired. The tiles must be clean of limescale, dirt, and grease. Application on glazed tiles is possible after removing the glaze or sanding the tiles to a matt finish.

Fontefloor tile system technical parameters

TOTAL FILM THICKNESS	0.1–0.2 mm
FULLY CURED	7 days (+23°C)
TEMPERATURE DURING PAINTING	+15°C to +35°C
COLOUR SHADE	Symphony, RAL, NCS
CAPILLARY ABSORPTION AND WATER PERMEABILITY, EN 1062-3	$w < 0.1 \text{ kg/m}^2\text{h}^{0.5}$
PERMEABILITY TO WATER VAPOUR, EN ISO 7783-1	Class I, $sD \leq 5 \text{ m}$
IMPACT RESISTANCE, EN ISO 6272-1	Class I $\geq 4 \text{ Nm}$
REACTION TO FIRE, EN 13501-1	B _{fl} -s1
WET SCRUB RESISTANCE, ISO 1198	EN 13300 Class 1
ABRASION RESISTANCE, [CS 17, 1KG] EN 7784-2	Fontefloor EP 100: 150 mg/1000 cycles Fontefloor PU Matt: 197 mg/1000 cycles

Cleaning and maintenance

The freshly painted surface will be ready to use after two to three days and fully cured after a week.

Painted surfaces can be cleaned with a soft sponge or cleaning cloth and a neutral (pH 6–8) cleaning solution. Very dirty surfaces should be cleaned with a weakly alkaline (pH 8–10) detergent and a cleaning cloth or sponge. Avoid using abrasive cleaning agents or rough cloths. Rinse the surface carefully after cleaning.

For detailed maintenance and repair guidelines, please contact your local Tikkurila representative.