FONTEDUR FL MATT

Water-borne polyurethane lacquer

Fontedur FL Matt is a two-component, water-borne polyurethane lacquer for treating concrete floors and walls, and for binding concrete dust.

The product is recommended for sealing floors in office, commercial and residential premises where floor surfaces are under moderate mechanical and chemical stress. The treatment does not darken concrete or filler-treated surfaces.

Fontedur FL Matt belongs to the Design Floor product concept. With the special effects, you can bring out a completely new feel for concrete floors in public spaces, such as restaurants, cafes, shopping malls and business premises. Or make a statement with a design floor in a classroom, lobby or conference room.

Fontedur FL Matt can be tinted into semi-transparent Grey colors according to Pro Grey color card.

• Sealed surfaces are easier to keep clean
• Environmentally and user-friendly
• Vapor-permeable sealer film
• CE marked
• M1 approved.

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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.

SEALING FILLER-TREATED SURFACES

Fontedur FL Matt has been tested with the following fillers: Ardex K 301, Ardex K 70 and Ardex K 80.

For detailed instructions, product descriptions and planning assistance, please contact Tikkurila's sales personnel.

Specifications (+23 °C, RH 50%)

Film thickness	10-50 µm
Density, ready-to-use mix	1.1 kg/l
Solids content (of volume)	40±2 %
Drying time (dust dry)	40 min
Fully hardened	24 hours
Relative humidity of concrete	<97%
Treatment temperature	+10 °C–+35 °C
Adhesion EN ISO 4624	>2.0 MPa
Impact resistance EN ISO 6272-1	≥4 Nm (class I)
Capillary absorption and water permeability EN 1062-3	$w < 0.1\ kgm^{-2}h^{-0.5}$
Water vapor permeability EN ISO 7783-2	Class I
Wear resistance EN ISO 5470-1	≤ 3000 mg (H22, 1000 g, 1000 revolutions)

CE M1