

Fontefloor PU Cem 2

Beskrivelse

A solvent-free, water-borne self-levelling hybrid polyurethane concrete coating which ensures the adhesion of the total coating system.

Produktegenskaber og anbefalet brug

- Outstanding sealing properties. Fontefloor PU Cem 2 seals the concrete thus preventing bubbles appearing on the final coating
- Excellent ability to fill in irregularities in the surface. Fontefloor PU Cem 2 ensures smooth finish of the coating by filling the holes and cracks
- Can be used as a primer or as a self levelling coating
- Used in food and beverage industry, warehouses, chemical industry and pharmaceutical industry

TEKNISK DATA

Volumen tørstof

100%

Massefylde

1.35 kg/l (mixture)

Pot life(+23°C)

At +20°C: approx. 15 minutes

Dækkeevne

For a flat substrate:

Approximately 2 kg/mm/m².

Practical coverage depends on the evenness of the substrate.

Tørretid (+23°C)

Foot traffic after 8 hours

Recoat after 12–48 hours

Fully cured after 7 days

At lower temperature the curing process will last longer.

Rengøring af udstyr

Cleaning of equipment with Thinner 1061. Equipment should be cleaned immediately after use before the coating has dried.

Glans

Matt. Sunlight will affect on the shade and the gloss of the varnish in the long run.

Farver

Red, green, buff, grey and crème.

Fortyndingsinstruktioner

Do not thin Fontefloor PU Cem 2 hybrid polyurethane concrete coating.

VOC

VOC 2004/42/EC (cat A/j) 140 g/l (2010)

Fontefloor PU Cem 2: max. VOC < 140 g/l

Emballagestørrelser

3,0 L

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PÅFØRINGSINSTRUKSER

Forbehandling

New concrete

Remove laitance by power grinding, vacuum grit blasting or hydrochloric acid etching. Choose the method best suited for the premises. After grinding remove dust carefully with a vacuum cleaner. Hydrochloric acid etching is carried out with diluted hydrochloric acid (1 part concentrated hydrochloric acid, 4 parts water). Rinse with plenty of water. Dry the floor.

Old concrete

Remove all grease, oil, chemicals and other impurities by Maalipesu detergent. Remove old peeling paint layer by grinding, milling or vacuum grit blasting. Choose the method best suited for the premises. Clean out pot-holes removing all loose friable material. Open cracks with e.g. an abrasive tool. Remove loose material and dust.

Cementitious levelling screed

Check compatibility with the levelling screed manufacturer.

Polymer modified screed

Check compatibility with the polymer modified screed manufacturer

Påføringsforhold

The relative humidity of the concrete should not exceed 97%. The temperature of the ambient air, surface or coating should be between +12°C–+25°C during application and drying. Relative humidity of air should not exceed 80%.

Blanding af komponenter

Mix the correct proportions of the parts A and B thoroughly approx. 30 s by using a hand drill with a paddle, concrete mixer or power mixer. Add part C to the mixture and mix approx. 3 min until the mixture is homogenous. Ensure that the mixture is homogenous and use it immediately after mixing.

Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface, weaken the properties of the screed and risk the success of the application.

Priming

Prime with unthinned Fontefloor PU Cem Primer. Pour the mixture onto the floor, apply with a long haired roller. Scatter sand of grain size 0.4–0.8 mm at approx. 150 g/m² on the fresh primer coat to ensure the screed adhesion and prohibit gliding of the screed.

If Fontefloor PU Cem 2 is used for priming, see instructions from technical data sheet of the topcoat.

Lapning

Patch pot-holes and cracks with Fontefloor PU Cem 2. Sand the patched areas before overcoating, if necessary.

Topcoating

Overcoating should be done within 12–48 hours after priming. Pour the mixture onto the floor and apply with a trowel and level with a roller. To obtain a smoother surface and remove trowel marks, the surface must be spike rolled.

Opbevaring

Under cover and free of the ground, in dry conditions above +5°C and below +25°C. This is particularly important for the part C. Protect from frost even during transport.

HELBRED OG SIKKERHED

Emballagen er udstyret med sikkerhedsmærkater, som skal bemærkes. Yderligere information om farlige bestanddele og beskyttelse er nærmere beskrevet i individuelle helbreds- og sikkerhedsblade. Helbreds- og sikkerhedsdatablad kan fås ved henvendelse til Tikkurila.

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EN 13813:2002

CE	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 VANTAA	
17	
TIK-6628-5001b	
EN 13813:2002	
slagfasthed	IR4
frigivelse af ætsende stoffer	SR

EN 1504-2:2004

CE	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa	
17	
1119	
TIK-6628-5001a	
EN 1504-2:2004	
CO2 permabilitet	SD > 50 m
slagfasthed	Klasse I: ≥ 4 Nm