

Fontefloor PU Cem Top

Beskrivelse

A solvent-free, water-borne hybrid polyurethane concrete topcoat.

Produktegenskaber og anbefalet brug

- Resists mechanical wear, thus extending the service life of the coated surface
- Gives a matt gloss surface and seals the surface
- Used in top of Fontefloor PU Cem systems

TEKNISK DATA**Volumen tørstof**

100%

Massefylde

1.5 kg / l (mixture)

Pot life(+23°C)

At +20°C: approx. 15 minutes

Dækkeevne

For a flat substrate:

0.6–0.8 kg/m² depending on the system used.

Practical coverage depends on the evenness of the substrate.

Tørretid (+23°C)

Foot traffic after 8 hours
Light trucking after 24 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.

Farver

Red, green, buff, grey and crème.

Fortyndingsinstruktioner

Do not thin Fontefloor PU Cem Top.

VOC

VOC 2004/42/EC (cat A/j) 140 g/l (2010)
Fontefloor PU Cem Top: max. VOC < 140 g/l

Emballagestørrelser

3,0 L

Fontefloor PU Cem Top

PÅFØRINGSINSTRUKSER

Overflade forberedelse

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 either application or 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 or Fontefloor PU Cem 2. Pour the mixture onto the floor, apply with a long haired roller or steel trowel. 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.

Lapning

Patch pot-holes and cracks with Fontefloor PU Cem 2 or Temafloor 400 epoxy varnish and dry, clean sand. Mixing ratio e.g. 1 part by volume of epoxy or Fontefloor PU Cem 2 mixture and 1–2 parts by volume of sand of grain size Ø 0.1–0.6 mm. Sand the patched areas before overcoating, if necessary.

Topcoating

Topcoating can be carried out after Fontefloor PU Cem system has cured. Pour the mixture on the floor and spread with long haired roller. Spiked roller helps removing air bubbles from the coating.

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 Kuninkalantie 1 FI-01300 VANTAA	
17	
TIK-6631-5001b	
EN 13813:2002	
slagfasthed	IR4
frigivelse af ætsende stoffer	SR

EN 1504-2:2004

CE	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 VANTAA	
17	
TIK-6631-5001a	
EN 1504-2:2004	
CO2 permabilitet	sd > 50 m
slagfasthed	