

Fontefloor PU Cem Primer

Beskrivelse	A solvent-free, water-borne hybrid polyurethane concrete primer.
Produktegenskaber og anbefalet brug	• Due to low viscosity Fontefloor PU Cem Primer penetrates well into substrate. • Adheres well to concrete and secures the adhesion of the subsequent layer. Adhesion to concrete is 2.7 N/mm² • Used as a primer in Fontefloor PU Cem systems
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 0.35–0.5 kg/m ² . 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 primer 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 Primer.
VOC	VOC 2004/42/EC (cat A/j) 140 g/l (2010) Fontefloor PU Cem Primer: 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 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. Pour the mixture onto the floor, apply with a long haired roller or rubber squeegee. Scatter sand of grain size 0.4–0.8 mm at approx. 150 g/m ² on the fresh primer coat to ensure the screed adhesion and prohibit gliding of the screed.
Lapning	Patch pot-holes and cracks with unthinned Fontefloor PU Cem 2 or Temafloor 400 epoxy varnish and dry, clean sand. Mixing ratio e.g. 1 part by volume of epoxy mixture 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	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-6627-5001b	
EN 13813:2002	
slagfasthed	IR4
frigivelse af ætsende stoffer	SR

EN 1504-2:2004

CE	
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17	
TIK-6627-5001a	
EN 1504-2:2004	
CO2 permabilitet	SD > 50 m
slagfasthed	Klasse I: ≥ 4 Nm