

Temafloor PU Flex

Beskrivelse

A solvent-free, flexible, two-component polyurethane coating.

Produktegenskaber og anbefalet brug

- Elongation at break 180% (7 d)
- No shrinking or cracking of the coating surface
- Extremely low VOC-content
- Water impermeable coating for new and old concrete floors exposed to moderate mechanical and chemical stress
- Very good impact resistance
- Self-levelling, to be applied with serrated or steel trowel
- The M1 classification for low-emitting building materials has been granted by the Finnish Building Information Foundation RTS
- Typical application e.g. air-conditioning rooms

TEKNISK DATA

Volumen tørstof

Approx. 100%.

Massefylde

1.4 kg / litre (mixture)

Blandingsforhold

Base	4	parts by volume	Temafloor PU Flex
Hardener	1 part by volume	008 4015	

Pot life(+23°C)

15 minutes on substrate, 10 minutes on the mixing container. Pour the whole mixture onto the floor all at once.

Dækkeevne

Practical coverage depends on the porosity and evenness of the substrate and on the application method.
Film thickness 1 mm coverage approx. 1 liter/m²

Tørretid (+23°C)

Dust dry after 6 hours
Light trucking after 24 hours
Fully cured after 7 days

At lower temperatures the curing process will last longer.

Rengøring af udstyr

Thinner 1061.

Glans

Højglans.

Farver

RAL 7035 and TVT 0229.

Fortyndingsinstruktioner

Do not thin Temafloor PU Flex polyurethane coating.

Brandklasseficering

C_{FL}-s1 according to standard EN 13501-1

VOC

VOC 2004/42/EC (cat A/j) 500 g/l (2010)
Temafloor PU Flex: max. VOC < 500 g/l

Emballagestørrelser

20,0 L

Temafloor PU Flex

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.

If cementitious screed is used, check compatibility with the levelling screed manufacturer.

Påføringsforhold The relative humidity of the concrete should not exceed 97%. The temperature of the ambient air, surface or coating should not fall below +15°C during application or drying. Relative humidity of air should not exceed 70%.

Blanding af komponenter First stir base and hardener separately. Mix the correct proportions of base and hardener thoroughly (approx. 2 minutes to get homogenous mixture) by using a low speed industrial hand drill with a paddle. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface, weaken the properties of the coating and risk the success of the application.

Priming Prime using Temafloor 400, Temafloor Primer or Temafloor 220W epoxy varnish thinned 30–50% with Thinner 1029 or Fontefloor EP Primer epoxy varnish thinned about 20–50% with water. Pour the primer onto the floor and apply as much as is needed to impregnate the concrete surface. If necessary, repeat priming to get a non-porous surface. Subsequent treatment can be carried out after 2 hours using "wet-on-wet" technique. A porous priming coat will result in holes and air bubbles in the finished coating.

Scatter sand of grain size Ø 0,1–0,6 mm on the fresh primer coat to ensure the screed adhesion.

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

Note! Concrete surface should always be primed before patching.

Topcoating Overcoating should be done within 16–24 hrs after priming. If the primed surface is not overcoated within 24 hrs, it should be abraded. Pour the mixture onto the floor and apply it with a trowel and level with a roller. Use spiked roller to finish the surface approx. 10 min after application. Spiked roller helps removing air bubbles from the coating.

Note! Add the remaining mixture to the next batch of the coating, do not scrape it out of the container onto the floor.

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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 1504-2:2004

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TIK-048V-5001	
EN 1504-2:2004	
CO2 permabilitet	sd > 50 m
slagfasthed	