

Temafloor 401

Beskrivelse

A two-component solvent-free epoxy varnish.

Produktegenskaber og anbefalet brug

- A low viscosity varnish used as binder in Temafloor 4000 troweling screed

TEKNISK DATA**Volumen tørstof**

approx. 100%

Massefylde

1.1 kg / litre (mixture).

Blandingsforhold

Note! The amount of the filler and the grain size depends on the object.

Pot life(+23°C)

20–30 minutes on substrate, 10–15 minutes in the mixing container.

Dækkeevne

For a flat substrate:

1 mm layer: 1 litre ready for use screed / m²

5 mm layer: 5 litres ready for use screed / m²

Practical coverage depends on the evenness of the substrate.

Tørretid (+23°C)

Dust dry after 6 hours

Light trucking after 24 hours

Recoatible 16–24 hours

Fully cured 7 days

At lower temperature the curing process will last longer.

Rengøring af udstyr

Thinner 1029.

Glans

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

Fortyndingsinstruktioner

Do not thin Temafloor 4000 troweling screed.

Brandklasseficering

B_{FL}-s1 according to standard EN 13501-1.

VOC

VOC 2004/42/EC (cat A/j) 500 g/l (2010)

Temafloor 401: max. VOC < 500 g/l

Emballagestørrelser

20,0 L, 200,0 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 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.
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 80%. Note! There is a natural tendency of this coating to chalk, discolor or yellow unevenly. It is recommended to use polyurethane topcoat when there are high aesthetical requirements on color appearance.
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 about 30% thinned Temafloor 401 epoxy varnish. Pour the varnish mixture 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. A porous priming coat will result in holes and air bubbles in the finished coating. Subsequent treatment can be carried out after 2 hours using "wet-on-wet" technique. Scatter sand of grain size Ø 0.5–1.2 mm on the fresh primer coat to ensure the screed adhesion and prohibit gliding of the screed.
Lapning	Patch pot-holes and cracks with a mixture of unthinned Temafloor 401 epoxy varnish 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.
Belægning	Pour the screed mixture onto the floor. If a thin layer is required, apply by an adjustable trowel to the desired screed thickness. Thick layers are applied by a screed box or by a straight-edge and suitable laths to gauge the required thickness. Trowel the screeded surface by hands or use a suitable lightweight troweling machine.
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. Use unthinned Temafloor 401 varnish for the topcoat. Pour the mixture onto the floor and apply it with a trowel and level with a roller.
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.

Kun til industriel og professionel brug.

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EN 13813

CE	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 VANTAA	
11	
TIK-8400-5001b	
EN 13813 SR-RWA10-B2,0-IR 4	
slagfasthed	IR4
frigivelse af ætsende stoffer	SR

EN 1504-2:2004

CE	
0809	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa	
13	
0809-CPD-0773	
TIK-8400-5001a	
EN 1504-2:2004	
CO2 permabilitet	SD > 50 m
slagfasthed	Klasse I: ≥ 4 Nm