

Temafloor AC501

Beskrivelse

A two-component, solvent-free low viscosity acrylic binder.

Produkt egenskaber og anbefalet brug

- Used as a binder for Temafloor AC acrylic grinding screed
- Suitable to be used as a self-levelling coating and as a binder of a coloured screed
- Mixed with sand also suitable for patching of concrete floors
- Cures fast also in low temperatures
- Recommended for the floors of commercial buildings, storages, laboratories, institutional kitchens and food processing industries

TEKNISK DATA**Volumen tørstof**

approx. 100%

Massefylde

0.97 kg /l (ready made mixture)

Blandingsforhold

Grinding screeds 4–6 mm:
Temafloor AC501 22 w-%
Coloured sand Ø 0,3–0,8 mm 15 w-%
Coloured sand Ø 0,6–1,2 mm 63 w-%

Mulige hærdere

BP-50-FT, Perkadox®CH-50 or PEROXAN BP-Pulver 50 W.

Dækkeevne

For a flat substrate:
2 mm layer: 2 litres ready to use screed / m²
6 mm layer: 6 litres ready to use screed / m²
Practical coverage depends on the evenness of the substrate.

Rengøring af udstyr

Thinner 006 1400.

Glans

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

Farver

The colour of the screed is determined by the sand used

Fortyndingsinstruktioner

Do not thin.

VOC

VOC 2004/42/EC (cat A/j), 500 g/l (2010)
Temafloor AC 501: max. VOC < 500 g/l.

Emballage størrelser

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, 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.

Påføringsforhold The relative humidity of the concrete should not exceed 97%. The temperature of the ambient air, surface or coating should not fall below +5°C during application or drying. Relative humidity of air should not exceed 80%.

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 AC102 Primer. Pour the primer mixture onto the floor and apply by the trowel or roller 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 30 min.

Scatter sand of grain size Ø 0.4–0.8 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 AC501 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.

The floor can be levelled by using Temafloor AC501 and sand of grain size 0,1-0,3 mm.

Note! Concrete surface should always be primed before patching.

Belægning Pour the mixture onto the floor. Apply by an adjustable trowel to the desired thickness. Trowel the screeded surface by hands or use broadcasting technique.

Topcoating Topcoating can be carried out after the screed has cured. Topcoating can be carried out with Temafloor AC601 Clear topcoat. Pour the varnish mixture onto the floor, spread with a rubber trowel and level with a roller.

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

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 professionel brug.



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EN 13813

	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 VANTAA	
13	
TIK-1600-5002b	
EN 13813 SR-B2,0-IR 4	
slagfasthed	IR4
frigivelse af ætsende stoffer	SR

EN 1504-2:2004

	
0809	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa	
13	
0809-CPD-0773	
TIK-1600-5002a	
EN 1504-2:2004	
CO2 permabilitet	SD > 50 m
slagfasthed	Klasse I: ≥ 4 Nm