

Temafloor AC509

Beskrivelse

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

Produktegenskaber og anbefalet brug

- Used as a binder for Temafloor AC acrylic troweling screed
- Suitable to be used as a self-levelling coating and as a binder of a coloured sand screed
- Suitable for outdoor use with low or medium mechanical stress
- Suitable to be used for cold storages in temperatures 0--+10°C
- Cures fast also in low temperatures
- Recommended especially for the floors in food industry

TEKNISK DATA

Volumen tørstof

approx. 100%

Massefylde

0.96 kg /l (ready made mixture)

Blandingsforhold

Grinding screeds 4–6 mm:
Temafloor AC509 19 w-%
Coloured sand Ø 0,3–0,8 mm 20 w-%
Coloured sand Ø 0,6–1,2 mm 61 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
5 mm layer: 5 litres ready to use screed / m²
Practical coverage depends on the evenness of the substrate.

Rengøring af udstyr

Thinner 006 1400.

Glans

Halvmat.

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 AC509: max. VOC < 500 g/l.

Emballagestørrelser

20,0 L, 200,0 L, 1000 KG

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PÅFØRINGSINSTRUKSER

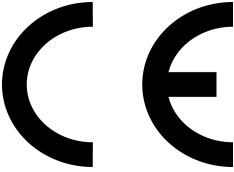
- Forbehandling** New concrete: Remove laitance by power grinding, vacuum grit blasting or hydrochloric acid etching. Choose the method best suited for the premises. After grinding remove dust carefully with a vacuum cleaner. Hydrochloric acid etching is carried out with diluted hydrochloric acid (1 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 AC509 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 AC509 and sand of grain size 0,1–0,3 mm.
- Note! Concrete surface should always be primed before patching.
- Belægning** Pour the Temafloor AC509 mixture onto the floor. Apply by an adjustable trowel to the desired thickness. Trowel the screeded surface by hands or use broadcasting technique.
- Note! Add the remaining mixture to the next batch of the product, do not scrape it out of the container onto the floor.
- Topcoating** Topcoating can be carried out after the screed has cured. Topcoating can be carried out with Temafloor AC609 Clear or Temafloor AC610 Clear topcoat. Pour the varnish mixture onto the floor, apply with a rubber 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.

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