

Temafloor 210 Clear

Beskrivelse

A two-component solvent-free epoxy varnish.

Produktegenskaber og anbefalet brug

- Good resistance against abrasion, oils and grease
- Also for dust binding and priming of new and old concrete floors prior to laying Temafloor epoxy coatings and screeds; especially where solventless and odourless products are needed
- Can be used as a finishing varnish in the Mosaic flooring system
- Filled with sand also suitable for patching of concrete floors
- Used as a binder for Temafloor 4000 Compact troweling screed
- Suitable also for topcoating of concrete floors indoors

TEKNISK DATA

Volumen tørstof

approx. 100%

Massefylde

1.1 kg / litre (mixture).

Blandingsforhold

Base	2 parts by volume	Temafloor 210 Clear
Hardener	1 part by volume	008 4431

Pot life(+23°C)

Approx. 30 minutes after mixing, on substrate.

Dækkeevne

Coverage on concrete floors is on the average:

Primer 5–8 m²/l

Topcoat 6–10 m²/l

Practical coverage depends on the porosity and evenness of the substrate and on the application method.

Tørretid (+23°C)

Dust dry after 6 hours

Recoat after 16–24 hours

Light trucking after 24 hours

Fully cured after 7 days

Fortyndere

Thinner 1029

Rengøring af udstyr

Thinner 1029.

Glans

Højglans.

Farver

Clear

Brandklassificering

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

VOC

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

Temafloor 210 Clear: max. VOC < 500 g/l

Emballagestørrelser

10,0 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.

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 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 210 Clear 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.

Lapning

Patch pot-holes and cracks with a mixture of unthinned Temafloor 210 Clear 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.

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. For finishing Temafloor 210 Clear epoxy varnish may be thinned up to 10%. Pour the mixture onto the floor and apply it with a 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.

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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.

Kun til industriel og professionel brug.

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EN 1504-2:2004

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0809-CPD-0773	
TIK-8400-5007	
EN 1504-2:2004	
CO2 permabilitet	sd > 50 m
slagfasthed	Klasse I: ≥ 4 Nm