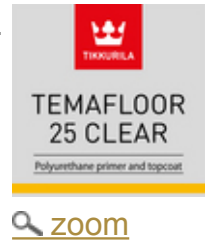
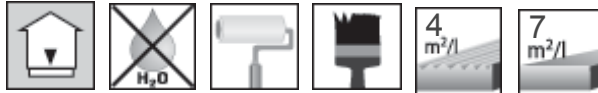


Temafloor 25 Clear

DESCRIPTION	A one-component moisture-curing polyurethane primer and topcoat.
PRODUCT FEATURES	Easy to apply due to one-component formulation.
RECOMMENDED USES	For varnishing of concrete, asbestos cement and other mineral floors. For topcoating of Mosaic floors.



TECHNICAL DATA



Features Temafloor 25 Clear is dust binding and prevents impurities from being absorbed into the surface. Excellent resistance to abrasion.

Fire Classification: BFL-s1 according to EN 13501-1
Coverage on concrete floors is on the average 4 - 7 m²/l.

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

Thinner 1061

Application method By brush or roller.

Drying time at 23°C and 50% relative air humidity
Dust dry after 1½ hours
Touch dry after 2 hours
Recoat after 4-12 hours
Fully cured after 24 hours

Note! If the relative humidity of air is below 50% drying will be retarded.

Solids volume approx. 50 %.

Density 1,0 kg/l

Product code 005 5750

APPLICATION DETAILS

Application conditions

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 either application or drying. Relative humidity of air should be 50-90 %.

New concrete

Preparation

Remove laitance by power grinding 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 and let the floor dry.

Old concrete

Remove all grease, oil, chemicals and other impurities by MAALIPESU detergent.

Temafloor 25 Clear

Remove old peeling paint layer by grinding. Clean out pot-holes removing all loose friable material. Open cracks with e.g. an abrasive tool. Remove loose material and dust.

Cementitious levelling screed

Check compatibility with the levelling screed manufacturer.

Priming

Prime using 10% thinned Temafloor 25 Clear. Pour the varnish onto the floor and apply evenly. If the primer is absorbed into the concrete, repeat the priming immediately using "wet-on-wet" technique.

Patching

Patch pot-holes and cracks with a mixture of Temafloor 200 Primer epoxy varnish and dry, clean sand of grain size 0.1-0.6 mm. Prepare the filler by adding a sufficient amount of sand into the varnish. Grind the patched areas before overcoating.

Cleaning of tools Thinner 006 1061.

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

EC-limit value Temafloor 25 Clear: max. VOC < 500 g/l

HEALTH AND


SAFETY

LABELLING

according to

Regulation (EC)

No. 1272/2008

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Oyj.  [Safety data sheet](#)

DECLARATION

OF

PERFORMANCE

[Declaration of Performance EN1504-2](#)

ENVIRONMENTAL

and WASTE

-

DISPOSAL

TRANSPORT

-

-

CE

The European harmonized product standard EN 1504-2 defines the requirements for surface protection systems for concrete.

This product is tested and CE-labelled in accordance with the tables 1d and 1f in the appendix ZA.



0809



Temafloor 25 Clear

Tikkurila Oyj Kuninkaalantie 1 FI-01300 VANTAA	
13	
TIK-5570-5001	
0809-CPD-0773	
EN 1504-2:2004	
Product for protection and repair of concrete structures – Coating	
Abrasion resistance	
Resistance to severe chemical attack	NPD
Permeability to CO ₂	CO ₂ S _D > 50 m
Water absorption	w < 0,1 kg/m ² ·h ^{0,5}
Impact resistance	Class I: ≥ 4 Nm
Permeability to water vapour	Class I, s _D < 5 m
Adhesion strength by pull off test	≥ 2,0 N/mm ²
Reaction to fire	B _{fl} -s1

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.