

## **DECLARATION OF PERFORMANCE**

**Temafloor 500M epoxy coating**

No. TIK-A019-2018

1. Unique identification code of the product type: **TIK-A019-2018 Temafloor 500M**
2. Intended use: **Synthetic resin screed**
3. Manufacturer: **Tikkurila Oyj, P.O.Box 53, FI-01301 Vantaa**
4. System of AVCP: **AVCP 3**
5. Harmonised standard: **EN 13813:2002**

Notified body: **AVCP 3: 0809 VTT Expert Services Oy (VTT-S-3318-10)**

6. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Compressive strength	NPD	EN 13813:2002
Flexural strength	NPD	
Wear resistance	RWA1	
Surface hardness	NPD	
Resistance to rolling wheel with floor covering	NPD	
Shrinkage and swelling	NPD	
Consistency	NPD	
Modulus of elasticity at bending	NPD	
Impact resistance	IR4	
Bond strength	B2.0	
Chemical resistance	CR 1, 2, 4, 5, 8, 10, 11, 12, 14, (class 2)	
Reaction to fire	B <sub>fl</sub> -s1	
Release of corrosive substances	SR	
Water vapour permeability	class II, 5 m < s <sub>D</sub> < 50 m	
Thermal resistance	NPD	
Water permeability	w < 0,1 kg/m <sup>2</sup> · h <sup>0,5</sup>	
Impact sound insulation	NPD	
Sound absorption	NPD	
Release of dangerous substances	NPD	

Resistance to severe chemical attack:

- Group 1: Petrol
- Group 2: Aircraft fuel
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- Group 2: Aircraft fuel
- Group 3: Heating oil, diesel fuel, unused engine and lubricating oils
- Group 4: All hydrocarbons, excluding groups 4a and 4b
- Group 4a: Benzene and benzene containing solutions
- Group 4b: Crude oil
- Group 5: Aqueous solutions of alcohols (max. 48 vol.-% methanol) and glycol ethers
- Group 5a: All alcohols and glycol ethers
- Group 6: Halogenated hydrocarbons
- Group 6a: Halogenated aliphatic hydrocarbons
- Group 6b: Halogenated aromatic hydrocarbons
- Group 7: Organic esters and ketones
- Group 7a: Aromatic esters and ketones
- Group 8: Aliphatic aldehydes
- Group 9: Aqueous solutions of organic acids, up to 10%
- Group 9a: Organic acids (excluding formic acid) and aqueous solutions of their salts
- Group 10: Inorganic acids (up to 20 %) and aqueous solutions of acidic salts (pH < 6)
- Group 11: Inorganic bases and their alkaline hydrolyzing salts (pH > 8)
- Group 12: Inorganic non-oxidizing salts (pH 6-8)
- Group 13: Aqueous solutions of amines and their salts
- Group 14: Aqueous solutions of organic tensides
- Group 15: Cyclic and acyclic ethers
- Group 15a: Acyclic ethers

Detailed descriptions of chemical groups and test solutions can be found in standard EN 13529.

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on the behalf of the manufacturer by:

Magnus Engblom, RDI Manager

At Vantaa 15.10.2018

