

DECLARATION OF PERFORMANCE

Temafloor PAS Clear

No TIK-A056-2021

1. Unique identification code of the product type: **TIK-A056-2021 Temafloor PAS Clear**
2. Intended uses: **Product for protection and repair of concrete structures – Coating: ingress protection (1.3), physical resistance (5.1), chemical resistance (6.1)**
3. Manufacturer: **Tikkurila Oyj, P.O. BOX 53, 01301 Vantaa**
4. Systems of assessment and verification of consistency of performance of the construction product: **AVCP 2+ and AVCP 3**
5. Harmonised standard: **EN 1504-2:2004**

Notified body:

AVCP 2+: 0809 Eurofins Expert Services Oy

AVCP 3: 1487 Instytut Ceramiki i Materiałów Budowlanych

6. Declared performances:

| Essential characteristics | Performance | Harmonised technical specification |
|--|---|------------------------------------|
| Linear shrinkage | NPD | EN 1504-2:2004 |
| Compressive strength | NPD | |
| Coefficient of thermal expansion | NPD | |
| Abrasion resistance | weight loss < 3000 mg | |
| Adhesion by cross-cut test | NPD | |
| Permeability to CO ₂ | CO _{2SD} > 50 m | |
| Permeability to water vapour | class II, 5 m < s _D < 50 m | |
| Capillary absorption and permeability to water | $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$ | |
| Adhesion after thermal compatibility | NPD | |
| Resistance to thermal shock | NPD | |
| Chemical resistance | NPD | |
| Resistance to severe chemical attack | class II | |
| Crack bridging ability | NPD | |
| Impact resistance | class I: $\geq 4 \text{ Nm}$ | |
| Adhesion strength by pull-off test | $\geq 2.0 \text{ N/mm}^2$ | |
| Reaction to fire | C _{fi} -s1 | |
| Slip/skid resistance | NPD | |
| Behaviour after artificial weathering | No visual defects | |
| Antistatic behaviour | NPD | |
| Adhesion on wet concrete | NPD | |
| Diffusion of chloride ions | NPD | |
| Release of dangerous substances | NPD | |

Resistance to severe chemical attack:

Group 2 : Aircraft fuel

Group 8 : Aliphatic aldehydes

Group 9 : Aqueous solutions of organic acids, up to 10%

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 14 : Aqueous solutions of organic tensides

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:



Jani Rutanen

At Vantaa on 19.11.2021