

## DECLARATION OF PERFORMANCE

### Temafloor PU Flex polyurethane coating

No TIK-048V-5001

1. Unique identification code of the product type: **TIK-048V-5001 Temafloor PU Flex**
2. Intended uses: **Product for protection and repair of concrete structures – Coating: ingress protection (1.3), physical resistance (5.1)**
3. Manufacturer: **Tikkurila Oyj, Kuninkaalantie 1, FI-01300 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 VTT Expert Services Oy**

**AVCP 3: 0809 VTT Expert Services Oy (VTT-S-02847-16)**

6. Declared performances:

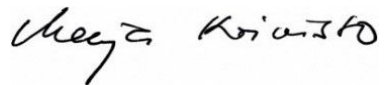
Essential characteristics	Performance	Harmonised technical specification
Linear shrinkage	NPD	EN 1504-2:2004
Compressive strength	NPD	
Coefficient of thermal expansion	NPD	
Abrasion resistance	weight loss < 3000 mg	
Adhesion by cross-cut test	NPD	
Permeability to CO <sub>2</sub>	CO <sub>2SD</sub> > 50 m	
Permeability to water vapour	class I, s <sub>D</sub> < 5 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	NPD	
Crack bridging ability	NPD	
Impact resistance	class III: $\geq 20 \text{ Nm}$	
Adhesion strength by pull-off test	$\geq 2.0 \text{ N/mm}^2$	
Fire classification	C <sub>fl</sub> -s1	
Slip/skid resistance	NPD	
Behaviour after artificial weathering	NPD	
Antistatic behaviour	NPD	
Adhesion on wet concrete	NPD	
Diffusion of chloride ions	NPD	
Release of dangerous substances	NPD	

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:

Merja Koivisto

At Vantaa on 21.9.2016

A handwritten signature in black ink, appearing to read "Merja Koivisto". The signature is written in a cursive style with some loops and flourishes.