

DECLARATION OF PERFORMANCE

Temafloor AC 509

No TIK-1600-5004

1. Unique identification code of the product type: **TIK-1600-5004 Temafloor AC 509, as part of the system Temafloor AC 102 and Temafloor AC 609 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, Kuninkaalantie 1, FI-01300 Vantaa**
4. System of assessment and verification of consistency of performance of the construction product: **AVCP 2+**
5. Harmonised standard: **EN 1504-2:2004**

Notified body: **AVCP 2+: 0809 VTT Expert Services Oy**

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 III, 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 I	
Crack bridging ability	NPD	
Impact resistance	class I: $\geq 4 \text{ Nm}$	
Adhesion strength by pull-off test	$\geq 2.0 \text{ N/mm}^2$	
Fire classification	E _{fl} (NPD)	
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:

Leif Wirtanen

At Vantaa on 19.6.2013

A handwritten signature in blue ink, appearing to read 'Leif Wirtanen', with a large circular flourish at the end.