

DECLARATION OF PERFORMANCE

Finngard 500 Protective Coating

No TIK-0574-5001

1. Unique identification code of the product type: **TIK-0574-5001 Finngard 500**
2. Intended uses: **Product for protection and repair of concrete structures – Coating: ingress protection (1.3)**
3. Manufacturer: **Tikkurila Oyj, P.O.Box 53, FI-01301 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**

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	NPD	
Adhesion by cross-cut test	NPD	
Permeability to CO ₂	CO _{2SD} > 50 m	
Permeability to water vapour	class I, s _D < 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	NPD	
Adhesion strength by pull-off test	$\geq 1.0 \text{ N/mm}^2$	
Fire classification	F (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 27.3.2013

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