

DECLARATION OF PERFORMANCE

Tikkurila IsoPondi

No TIK-A048-2020

1. Unique identification code of the product type: **TIK-A048-2020 Tikkurila IsoPondi**
2. Intended uses: **Product for protection and repair of concrete structures – Coating: ingress protection (1.3), Moisture Control (2.2) Increasing resistivity (8.2)**
3. Manufacturer: **Tikkurila Oyj, Heidehofintie 2, FI-01300 Vantaa**
4. Systems 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+: 1922 Dedal Attestation & Certification**

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 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	NPD	
Crack bridging ability	NPD	
Impact resistance	NPD	
Adhesion strength by pull-off test	$\geq 1.5 \text{ N/mm}^2$	
Fire classification	E (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:

Nia Kiito
RDI Manager

Teemu Puustinen
Researcher



At Vantaa on 8.6.2021