

DECLARATION OF PERFORMANCE

Temacoat RM 40 epoxy paint

No TIK-0161-5001

1. Unique identification code of the product type: **TIK-0161-5001 Temacoat RM 40**
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. 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+: 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 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 | $\geq 2.0 \text{ N/mm}^2$ | |
| 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 6.3.2014

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