

## DECLARATION OF PERFORMANCE

Novofloor 1-K Primer

No TIK-5570-5002

1. Unique identification code of the product type: **TIK-5570-5002 Novofloor 1-K Primer**
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-2815-13)**

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   |                                    |
| 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                            | B <sub>f1</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:

Leif Wirtanen

At Vantaa on 11.6.2013

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