

DECLARATION OF PERFORMANCE

no 0036

for product **TEKNOPUR 340 FR**
tested in the following coating systems:

TEKNOPUR SEALER 100, priming
TEKNOPUR 340 FR, 1 x 3 mm

TEKNOFLOOR PRIMER 306F-01, priming
TEKNOPUR 340 FR, 1 x 3 mm

TEKNOFLOOR PRIMER 310F-01, priming
TEKNOPUR 340 FR, 1 x 3 mm

1. Unique identification code of the product-type:

EN 1504-2: ZA.1e, ZA.1f and ZA.1g

2. Intended use/es:

Surface protection products – Coatings
Physical resistance (5.1)
Chemical resistance (6.1)
Moisture control (2.2)

3. Manufacturer:

Teknos Oy
Takkatie 3, P.O. Box 107
FI-00371 Helsinki, Finland

4. System/s of assessment and verification of constancy of performance:
system 2+

5. Harmonised standard:

EN 1504-2: 2004

Notified body/ies:

VTT Expert Services Ltd, identification number 0809
Certificate of conformity of the factory production control 0809-CPR-1063

6. Declared performance/s:

| Essential characteristics | Performance | Harmonised Technical specification |
|--|--|------------------------------------|
| Linear shrinkage | NPD | EN 1504-2:2004 |
| Compressive strength | Class II: $\geq 50 \text{ N/mm}^2$ (trafficking with steel wheels) | |
| Coefficient of thermal expansion | NPD | |
| Abrasion resistance | Requirement: weight loss less than 3000 mg | |
| Cross cut | NPD | |
| Capillary absorption and permeability to water | Requirement: $w < 0.1 \text{ kg/m}^2 \times \sqrt{h}$ | |
| Thermal compatibility | NPD | |
| Resistance to thermal shock | NPD | |
| Resistance to severe chemical attack | Requirement: reduction in hardness of less than 50 % | |
| Crack bridging ability | Class A5: Width of the crack bridged $> 2.5 \text{ mm}$, $-10 \text{ }^\circ\text{C}$ | |
| Impact resistance | Class III: $\geq 20 \text{ Nm}$ | |
| Adhesion strength by pull-off test | Requirement: Rigid system with trafficking: $\geq 1.5 (1.0) \text{ N/mm}^2$ | |
| Reaction to fire | $C_{fl} - s1$ | |
| Skid resistance | NPD | |
| Artificial weathering | NPD | |
| Antistatic behaviour | NPD | |
| Adhesion on wet concrete | NPD | |
| Water vapour permeability | Class I, $s_d < 5 \text{ m}$ | |
| Dangerous substances | See safety data sheet | |

NPD = no performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. 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 behalf of the manufacturer by:

Helsinki 12.07.2019


Wille Saarinen, Sales Director


Pasi Virtanen, Group R&D Manager