

DECLARATION OF PERFORMANCE

no 0042

for product **TEKNOPUR 320-800**
Tested in the following coating systems:

TEKNOPUR SEALER 200-00, priming
TEKNOPUR 320-800, 1 x 3 mm

TEKNOFLOOR PRIMER 306F-01, priming
TEKNOPUR 320-800, 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:

Eurofins Expert Services Oy, 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°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	NPD	
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 4.8.2020


Harri Lipsonen, R&D Director


Tuomas Mehtiö, R&D Manager