

DECLARATION OF PERFORMANCE

no 0033

for product **SILOKSAN ANTI-CARB**

1. Unique identification code of the product-type:
EN 1504-2: ZA.1d and ZA.1e
2. Intended use/es:
Surface protection products – Coatings
Ingress protection (1.3)
Moisture control (2.2)
Increasing resistivity (8.2)
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: 2005

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 |
| Coefficient of thermal expansion | NPD | |
| Cross cut | NPD | |
| Permeability to CO ₂ | Requirement: $s_D(\text{CO}_2) > 50 \text{ m}$ | |
| Water vapour permeability | Class I: $s_D < 5 \text{ m}$ | |
| Capillary absorption and permeability to water | Requirement: $w < 0,1 \text{ kg/m}^2\text{h}^{0,5}$ | |
| Thermal compatibility | NPD | |
| Resistance to thermal shock | NPD | |
| Chemical resistance | NPD | |
| Crack bridging ability | NPD | |
| Adhesion strength by pull off test | Requirement: Rigid system without trafficking: $\geq 1,0 (0,7) \text{ N/mm}^2$ | |
| Reaction to fire | NPD | |
| Skid resistance | NPD | |
| Artificial weathering | NPD | |
| Antistatic behaviour | NPD | |
| Adhesion on wet concrete | NPD | |
| 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 10.11.2015


Kurt Blomqvist, R&D Director


Pasi Virtanen, Group Specialist, R&D