

DECLARATION OF PERFORMANCE

for product **INERTA 210**

No. 0001

1. Unique identification code of the product-type:
EN 1504-2: ZA.1f and ZA.1g
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
batch number: see packaging of the product
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Surface protection products – Coating
Physical resistance (5.1)
Chemical resistance (6.1)
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
Teknos Oy
Takkatie 3, P.O.Box 107
FI-00371 Helsinki, Finland
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
not relevant
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified body VTT Expert Services Ltd, identification number 0809, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued:
Certificate of conformity of the factory production control
0809-CPR-1063
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
not relevant

9. Declared performance

Essential characteristics	Performance	Harmonised Technical specification
Linear shrinkage	NPD	EN 1504-2:2004
Compressive strength	NPD	
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	NPD	
Impact resistance	Class I: $> 4 \text{ Nm}$	
Adhesion strength by pull-off test	Requirement: Rigid system with trafficking: $\geq 2,0 (1,5) \text{ N/mm}^2$	
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

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Helsinki 10.11.2015


Kurt Blomqvist, Research Director


Pasi Virtanen, Group Specialist, R&D