

DECLARATION OF PERFORMANCE

Nro. 001.CPR.15611

1. Unique identification code of the product-type:

Keradeck 4200

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Dimensions	Product number
1 x 10 m	15611

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete (EN 14695)
Reinforced bitumen sheets for roof waterproofing (EN 13707)

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):

Nordic Waterproofing Oy
Puistokatu 25 - 27, 08150 Lohja, Finland
P. 010 851 1000
www.kerabit.fi

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

AVCP 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified factory production control certification body Eurofins Expert Services Oy No. 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 and issued the certificate of conformity of the factory production control (No.0809-CPR-1030).

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification	
Tensile strength - in longitudinal direction - in transverse direction	800 N/50 mm, ± 200 800 N/50 mm, ± 200	EN 14695: 2010	
Elongation	40 %, ± 15		
Resistance to dynamic water pressure	Pass		
Pliability - surface - backside	-25 °C -25 °C		
Bond strength to concrete +23/+8 °C Bond strength to epoxy +23/+8 °C	≥ 0,8/1,7 N/mm ² ≥ 0,8/1,6 N/mm ²		
Crack bridging ability -20 °C	Pass		
Shear strength	≥ 0,30 N/mm ²		
Resistance to compaction of an asphalt layer	Pass		
Dangerous substances ^{1), 2)}	No dangerous substances		
Essential characteristics	Performance		Harmonised technical specification
External fire performance	B _{ROOF} (t2)		EN 13707: 2014
Reaction to fire	NPD		
Watertightness	Pass		
Tensile strength - in longitudinal direction - in transverse direction	800 N/50 mm, ± 200 800 N/50 mm, ± 200		
Elongation	40 %, ± 15		
Root resistance	NPD		
Resistance to static loading	20 kg		
Resistance to impact	1250 mm		
Nail shank tear resistance - in longitudinal direction - in transverse direction	250 N, ± 100 250 N, ± 100		
Joint resistance (peel)	NPD		
Joint resistance (shear)	NPD		
Pliability after ageing - surface - backside	-15°C -10 °C		
Flow resistance at elevated temperature after ageing	80°C		
Pliability - surface - backside	- 25 °C - 25 °C		
Dangerous substances ^{1), 2)}	No dangerous substances		
NPD (No Performance Determined)			

1) No asbestos or coal tar constituents

2) In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use

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:

Lohja 17.4.2019



Pertti Nurmi
Development and Quality Manager
Nordic Waterproofing Oy