

DECLARATION OF PERFORMANCE

Nro. 007. CPR.15610

1. Unique identification code of the product-type:

Keradeck 6600 T

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 7 m	15610

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)

Bitumen damp proof sheets including basement tanking sheet (EN 13969)

Bitumen vapour control layers (EN 13970)

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

Kerabit 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+ (EN 14695, EN 13707, EN 13969)

AVCP 3 (EN 13970)

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

AVCP 2+

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).

AVCP 3

The notified testing laboratory Eurofins Expert Services Oy, No. 0809 has carried out the determination of the product type on the basis of type-testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product.

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Tensile strength <ul style="list-style-type: none"> - in longitudinal direction - in transverse direction 	1000 N/50 mm, ± 100 900 N/50 mm, ± 100	EN 14695: 2006
Elongation	50 %, ± 10	
Resistance to dynamic water pressure	Pass	
Pliability <ul style="list-style-type: none"> - surface - backside 	-20 °C -10 °C	
Pliability after thermal ageing <ul style="list-style-type: none"> - surface - backside 	-30 °C -30 °C	
Flow resistance at elevated temperature	≥ 115 °C	
Flow resistance at elevated temperature after thermal ageing	≥ 110 °C	
Dimensional stability +80 °C/24 h	≤ 0,3 %	
Dimensional stability +160 °C/1 h	≤ 0,6 %	
Water absorption	≤ 0,3 %	
Bond strength to concrete +23/+8 °C	≥ 0,5/1,3 N/mm ²	
Bond strength to epoxy +23/+8 °C	≥ 0,8/1,4 N/mm ²	
Bond strength to mastic asphalt +23/+8 °C	≥ 0,5/0,9 N/mm ²	
Crack bridging ability -20 °C	Pass	
Shear strength <ul style="list-style-type: none"> - asphalt - mastic asphalt 	≥ 0,25 N/mm ² ≥ 0,25 N/mm ²	
Shear strength after thermal ageing <ul style="list-style-type: none"> - asphalt - compatibility - mastic asphalt - compatibility 	≥ 0,40 N/mm ² ≥ 160 % ≥ 0,40 N/mm ² ≥ 160 %	
Resistance to compaction of an asphalt layer <ul style="list-style-type: none"> - asphalt AB5 and AB8 	Pass	
Behaviour during application of mastic asphalt	0 % 0,6 mm No inclusions	
Dangerous substances ^{1), 2)}	No dangerous substances	
Essential characteristics	Performance	
External fire performance	B _{ROOF} (t ₂)	EN 13707: 2004A2:2009 EN 13969: 2004+A1:2006
Reaction to fire	NPD	
Watertightness	500 kPa	
Tensile strength <ul style="list-style-type: none"> - in longitudinal direction - in transverse direction 	1000 N/50 mm, ± 100 900 N/50 mm, ± 100	
Elongation	50 %, ± 10	
Resistance to static loading	25 kg	
Resistance to impact	1750 mm	
Nail shank tear resistance <ul style="list-style-type: none"> - in longitudinal direction - in transverse direction 	350 N, ± 50 400 N, ± 50	
Pliability <ul style="list-style-type: none"> - surface 	-20 °C	

- backside	-10 °C	
Dangerous substances ^{1), 2)}	No dangerous substances	

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	NPD	EN 13970: 2004
Watertightness	500 kPa	
Tensile strength		
- in longitudinal direction	1000 N/50 mm, ± 100	
- in transverse direction	900 N/50 mm, ± 100	
Elongation	50 %, ± 10	
Resistance to impact	1750 mm	
Joint strength (shear)	NPD	
Pliability		
- surface	-20 °C	
- backside	-10 °C	
Nail shank tear resistance		EN 13970: 2004
- in longitudinal direction	350 N, ± 50	
- in transverse direction	400 N, ± 50	
Water vapor resistance after ageing	NPD	
Chemical resistance	NPD	
Water vapor resistance	2,3 x 10 ¹² m ² sPa/kg	
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 8.6.2023



Veijo Kangasmaa
Development and Quality Manager
Kerabit Oy