

DECLARATION OF PERFORMANCE

Nro. 004. CPR.16315

1. Unique identification code of the product-type:

Kerabit 2900 UTL

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	55509

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 roof waterproofing (EN 13707) Underlay for discontinuous roofing (13859-1) 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 13707) AVCP 3 (EN 13859-1, 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

External fire performance BROOF(t2) Reaction to fire NPD Watertightness pass Tensile strength 600 N/50 mm, ± 200 - in longitudinal direction 400 N/50 mm, ± 100 Elongation 35 %, ± 15 Resistance to static loading 15 kg Resistance to impact NPD Nail shank tear resistance 150 N, ± 20 - in longitudinal direction 250 N, - 120, + 50 Pliability - backside - backside - 10°C Dangerous substances ^{1), 2)} No dangerous substances Essential characteristics Performance Reaction to fire W1 Watertightness W1 Tensile strength 600 N/50 mm, ± 200 - in longitudinal direction 400 N/50 mm, ± 100 Elongation 35 %, ± 15 Nail shank tear resistance 150 N, ± 20 - in longitudinal direction 150 N, ± 20 - in longitudinal direction 250 N, - 120, + 50 Pliability - Surface - 20 °C - backside -	Essential characteristics	Performance	Harmonised technical specification
Watertightness pass Tensile strength - in longitudinal direction 600 N/50 mm, ± 200 - in transverse direction 400 N/50 mm, ± 100 Elongation 35 %, ± 15 Resistance to static loading 15 kg Resistance to impact NPD Nail shank tear resistance - in longitudinal direction - in transverse direction 150 N, ± 20 250 N, - 120, + 50 Pliability - surface - backside - 10°C Dangerous substances¹¹¹.²¹ No dangerous substances Essential characteristics Performance Harmonised technical specification specification Reaction to fire NPD Watertightness W1 Tensile strength - in longitudinal direction 400 N/50 mm, ± 200 - in longitudinal direction 150 N, ± 20 - in in transverse direction 150 N, ± 20 - backside - 10°C After ageing Class W1 Watertightness Class W1 Tensile strength - in transverse direction 400 N/50 mm, ±		B _{ROOF} (t2)	
Tensile strength	Reaction to fire	NPD	
- in longitudinal direction - in transverse direction Some	Watertightness	pass	
- in transverse direction	Tensile strength		
Elongation		600 N/50 mm, ± 200	
Resistance to static loading Resistance to impact NPD Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside Dangerous substances ^{1), 2)} Reaction to fire NPD Watertightness Tensile strength - in longitudinal direction - in transverse direction Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - 10°C NPD Watertightness W1 Tensile strength - in longitudinal direction - in transverse direction Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Sound N/50 mm, ± 80 300 N/50 mm, ± 80 300 N/50 mm, ± 80 300 N/50 mm, ± 80 A00 N/50	 in transverse direction 		
Resistance to impact NPD Nail shank tear resistance - in longitudinal direction - in transverse direction 250 N, - 120, + 50 Pliability - surface - backside Performance Reaction to fire Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - 20 °C - 10°C No dangerous substances Performance Harmonised technical specification 600 N/50 mm, ± 200 400 N/50 mm, ± 100 Elongation Solution Fin 10 nogitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - 20 °C - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Berformance Harmonised technical specification			
Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside Dangerous substances ^{1), 2)} Essential characteristics Reaction to fire Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - 20 °C - 10°C No dangerous substances Performance Harmonised technical specification NPD Watertightness W1 Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Ploop Watertightness Tensile strength - in longitudinal direction - in transverse direction - in transverse direction Performance Harmonised technical specification Harmonised technical specification		15 kg	
- in longitudinal direction - in transverse direction Pliability - surface - backside Dangerous substances ^{1), 2)} Essential characteristics Reaction to fire Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - in longitudinal direction - in transverse direction - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Class W1 Class W1 Essential characteristics Performance 150 N, ± 20 250 N, -120, +50 EN 13859-1:2010	Resistance to impact	NPD	2004+A2:2009
Pliability - surface - backside Dangerous substances ^{1), 2)} No dangerous substances Essential characteristics Performance Reaction to fire Watertightness Tensile strength - in longitudinal direction - in transverse direction Sulface - in longitudinal direction - in transverse direction - in transverse direction Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Blongation Elongation Ferformance Harmonised technical specification Harmonised technical specification	Nail shank tear resistance		
Pliability - surface - backside Dangerous substances ^{1), 2)} No dangerous substances Essential characteristics Performance Reaction to fire Watertightness Tensile strength - in longitudinal direction - in transverse direction Rial shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength Class W1 Class W1 Class W1 Essential characteristics Performance Harmonised technical specification EN 13859-1:2010	 in longitudinal direction 		
- surface - backside Dangerous substances ^{1), 2)} Reaction to fire Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - backside Performance NPD Watertightness Tensile strength - in longitudinal direction - in transverse direction Capacitation Elongation Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation Floor Class W1 Tensile strength - in longitudinal direction - in transverse direction Elongation Essential characteristics Performance Harmonised technical specification	 in transverse direction 	250 N, - 120, + 50	
- backside	Pliability		
Dangerous substances No dangerous substances Essential characteristics Performance Harmonised technical specification Reaction to fire NPD Watertightness W1 Tensile strength - in longitudinal direction 400 N/50 mm, ± 200 - in transverse direction 400 N/50 mm, ± 100 Elongation 35 %, ± 15 Nail shank tear resistance - in longitudinal direction 250 N, ± 20 - in transverse direction 250 N, ± 20 - backside - 10°C After ageing Watertightness Class W1 Tensile strength - in longitudinal direction - in transverse direction 400 N/50 mm, ± 80 - in longitudinal direction - in transverse direction 300 N/50 mm, ± 80 Elongation 30 %, -10/+15 Essential characteristics Performance Harmonised technical specification	- surface	- 20 °C	
Essential characteristicsPerformanceHarmonised technical specificationReaction to fireNPDWatertightnessW1Tensile strength600 N/50 mm, ± 200- in longitudinal direction400 N/50 mm, ± 100Elongation35 %, ± 15Nail shank tear resistance150 N, ± 20- in longitudinal direction250 N, - 120, + 50Pliability- surface- backside- 10°CAfter ageingWatertightnessTensile strengthClass W1- in longitudinal direction400 N/50 mm, ± 80- in transverse direction300 N/50 mm, ± 80Elongation30 %, -10/+15Essential characteristicsPerformanceHarmonised technical specification		- 10°C	
Essential characteristicsPerformanceHarmonised technical specificationReaction to fireNPDWatertightnessW1Tensile strength600 N/50 mm, ± 200- in longitudinal direction400 N/50 mm, ± 100Elongation35 %, ± 15Nail shank tear resistance150 N, ± 20- in longitudinal direction250 N, - 120, + 50Pliability- surface- backside- 10°CAfter ageingWatertightnessTensile strengthClass W1- in longitudinal direction400 N/50 mm, ± 80- in transverse direction300 N/50 mm, ± 80Elongation30 %, -10/+15Essential characteristicsPerformanceHarmonised technical specification	Dangerous substances ^{1), 2)}	No dangerous substances	
Reaction to fire NPD Watertightness W1 Tensile strength - in longitudinal direction - in transverse direction 400 N/50 mm, ± 200 - in transverse direction 35 %, ± 15 Nail shank tear resistance - in longitudinal direction - in transverse direction 250 N, - 120, + 50 Pliability - surface - 20 °C - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction 400 N/50 mm, ± 80 Tensile strength - in longitudinal direction - in transverse direction 300 N/50 mm, ± 80 Elongation 30 %, -10/+15 Essential characteristics Performance Harmonised technical specification		Performance	Harmonised technical
WatertightnessW1Tensile strength - in longitudinal direction - in transverse direction600 N/50 mm, ± 200 400 N/50 mm, ± 100Elongation35 %, ± 15Nail shank tear resistance - in longitudinal direction - in transverse direction150 N, ± 20 250 N, - 120, + 50Pliability - surface - backside- 20 °C - 10°CAfter ageing WatertightnessClass W1Tensile strength - in longitudinal direction - in transverse direction400 N/50 mm, ± 80 300 N/50 mm, ± 80 300 N/50 mm, ± 80ElongationHarmonised technical specification			specification
Tensile strength - in longitudinal direction - in transverse direction Blongation Nail shank tear resistance - in longitudinal direction - in transverse direction 150 N, ± 20 - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Class W1 Tensile strength - in longitudinal direction - in transverse direction Tensile strength - in longitudinal direction - in transverse direction - transverse direc	Reaction to fire	NPD	
- in longitudinal direction - in transverse direction - in transverse direction - in transverse direction Elongation Nail shank tear resistance - in longitudinal direction - in transverse direction - in transverse direction Pliability - surface - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction - tran	Watertightness	W1	
- in transverse direction Elongation Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction EN 13859-1:2010	Tensile strength		
	 in longitudinal direction 	600 N/50 mm, ± 200	
Nail shank tear resistance - in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction - in transverse direction Boundary Final Strength - in longitudinal direction - in transverse direction - in transverse direction - longation Final Strength - longation Boundary Essential characteristics Ferformance EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 Final Strength - 20 °C - 10°C After ageing Watertightness - 10°C After ageing Wate	 in transverse direction 	400 N/50 mm, ± 100	
- in longitudinal direction - in transverse direction Pliability - surface - backside After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Floor C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation Essential characteristics EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 EN 13859-1:2010 Floor C - 20 °C - 10°C - 40°C - 40°C - 40°C - 40°C - 10°C - 40°C - 10°C	Elongation	35 %, ± 15	
- in transverse direction 250 N, - 120, + 50 Pliability - surface - 20 °C - backside - 10 °C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation - in transverse direction Essential characteristics - in transverse direction - in transverse di	Nail shank tear resistance]
Pliability - surface - 20 °C - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation Tensile strength - in transverse direction - in transverse directio	 in longitudinal direction 	150 N, ± 20	EN 13859-1:2010
- surface - backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation - surface - 20 °C - 10°C Class W1 Class W1 400 N/50 mm, ± 80 300 N/50 mm, ± 80 30 N/50 mm, ± 80 Harmonised technical specification	 in transverse direction 	250 N, - 120, + 50	
- backside - 10°C After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation - backside - 10°C Class W1 Class W1 400 N/50 mm, ± 80 300 N/50 mm, ± 80 30 %, -10/+15 - Backside - 10°C 400 N/50 mm, ± 80 300 N/50 mm, ± 80 400 N/5	Pliability		
After ageing Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation Class W1 400 N/50 mm, ± 80 300 N/50 mm, ± 80 300 N/50 mm, ± 80 Flongation Essential characteristics Performance Harmonised technical specification	- surface	- 20 °C	
Watertightness Tensile strength - in longitudinal direction - in transverse direction Elongation Essential characteristics Class W1 400 N/50 mm, ± 80 300 N/50 mm, ± 80 30 %, -10/+15 Performance Harmonised technical specification	- backside	- 10°C	
Tensile strength - in longitudinal direction - in transverse direction Elongation Essential characteristics Tensile strength 400 N/50 mm, ± 80 300 N/50 mm, ± 80 30 %, -10/+15 Performance Harmonised technical specification	After ageing		
- in longitudinal direction - in transverse direction Elongation - in transverse direction 300 N/50 mm, ± 80 30 %, -10/+15 - Essential characteristics - in transverse direction 300 N/50 mm, ± 80 - 300 N/5	Watertightness	Class W1	
- in transverse direction Elongation Solution 300 N/50 mm, ± 80 30 %, -10/+15 Essential characteristics Performance Harmonised technical specification	Tensile strength		
Elongation 30 %, -10/+15 Essential characteristics Performance Harmonised technical specification	 in longitudinal direction 	400 N/50 mm, ± 80	
Essential characteristics Performance Harmonised technical specification	 in transverse direction 	300 N/50 mm, ± 80	
specification		30 %, -10/+15	
	Essential characteristics	Performance	
Reaction to fire NPD	Reaction to fire	NPD	
Watertightness pass	Watertightness	pass]
Tensile strength	Tensile strength		
- in longitudinal direction 600 N/50 mm, ± 200	 in longitudinal direction 	600 N/50 mm, ± 200	
- in transverse direction 400 N/50 mm, ± 100			
Elongation 35 %, ± 15 EN 13970: 2004	Elongation	35 %, ± 15	EN 13970: 2004
Resistance to impact NPD		NPD]
Joint strength (shear) NPD	•	NPD]
Pliability]
- surface - 20 °C		- 20 °C	
- backside - 10°C			
Nail shank tear resistance	Nail shank tear resistance]
- in longitudinal direction 150 N, ± 20		150 N, ± 20	
- in transverse direction 250 N, - 120, + 50			



Tuotteet

Tuotteet		
Water vapor resistance after ageing	NPD	
Water vapor resistance	≥ 0,8 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 6.6.2023

Veijo Kangasmaa

Very Layour

Development and Quality Manager

Kerabit Oy