

# Technical Data Sheet - KERABIT 2500 U



0809<sup>1)</sup>

**Kerabit Oy**  
Puistokatu 25- 27, 08150 Lohja, Finland  
**06**  
007.CPR.15520

**Kerabit**  
Tuotteet

Reinforced bitumen sheets for roof waterproofing EN 13707      Bitumen vapour control layers EN 13970

Underlay for discontinuous roofing 13859-1

Product description	
Use	Base sheet in built-up roofing, bitumen damp proof sheet, bitumen vapour control layer
Application	Mechanical fastening and/or pour and roll applying depending on intended use and substrate
Reinforcement	Polyester
Coating	SBS modified bitumen
Surfacing/ Bottom surfacing	Sand/ Sand

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	15	-	-
Width	EN 1848-1	m	1	0,995	1,005
Straightness	EN 1848-1	mm / m	pass		30/15
Mass per unit area	EN 1849-1	g/m <sup>2</sup>	2500	2375	-
Nominal thickness	EN 1849-1	mm	2,2	2,0	2,4
Visual defects	EN 1850-1	-	no defects		

Declaration of performance	007.CPR.15520				
AVCP- class	2+	3			
Certificate of factory production control	0809-CPR-1030	-			

Fire properties	Method	Classification	Fireclass			
Reaction to fire	EN ISO 11925-2	EN 13501-1	NPD			
External fire performance	ENV 11872 <sup>2)</sup>	EN 13501-5	B <sub>ROOF</sub> (t2)			

Characteristic	Method	Unit	EN 13707	EN 13970	EN 13859-1	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	pass		300	
	EN 1928 A	mm			W1	200	
Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm	600	600	600	400	800
		N/ 50 mm	400	400	400	300	500
Elongation	EN 12311-1	%	35	35	35	20	50
Nail shank tear resistance - in longitudinal direction - in transverse direction	EN 12310-1	N	150	150	150	130	170
		N	250	250	250	130	300
Resistance to static loading	EN 12370 A	kg	20			15	
Resistance to impact	EN 12691	mm	1000	1000	1000	800	
Durability:*							
* Water vapor resistance	EN 1296/1931	m		NPD			
* Watertightness	EN 1928 B	kPa			W1	200	
*Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm			400	320	480
		N/ 50 mm			320	240	400
*Elongation	EN 12311-1	%			30	20	45
* Chemical resistance	EN 1847/1931			NPD			
* Pliability	EN 1296/1109	°C	-20			-10	
* Flow resistance at elevated temperature	EN 1296/1110	°C	80	80	80	80	
Pliability	EN 1109	°C	-25	-25	-25	-20	
Water vapor resistance	EN 1931	m <sup>2</sup> sPa/kg			1,5 x 10 <sup>12</sup>	1 x 10 <sup>12</sup>	
Flow resistance at elevated temperature	EN 1110	°C	80	80	80	80	
Dimensional Stability	EN 1107-2	%	0,3	0,3	0,3		0,6

Dangerous substances<sup>3), 4)</sup>      No dangerous substances

1) concerns only attestation of conformity system 2+

2) see: [www.kerabit.fi](http://www.kerabit.fi)

3) No asbestos or coal tar constituents

4) 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

NPD = no performance determined  
\*after ageing

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