

# Technical Data Sheet - KERABIT 1800 UB Fleece



**Kerabit Oy**  
Puistokatu 25- 27, 08150 Lohja, Finland  
**21**  
003.CPR. 55218

**Kerabit**  
Tuotteet

Underlay for discontinuous roofing 13859-1

Product description						
Use	Protection sheet, underlay for discontinuous roofing					
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>	1800		1740	-
Nominal thickness	EN 1849-1	mm	2,1		1,9	2,4
Visual defects	EN 1850-1	-	no defects			
Declaration of performance			003.CPR.55218			
AVCP- class			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 13859-1	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	W1	100	
	EN 1928 A	mm			200	
Tensile strength	EN 12311-1					
- in longitudinal direction		N/ 50 mm	600	600	400	800
- in transverse direction		N/ 50 mm	400	400	300	500
Elongation	EN 12311-1	%	35	35	20	50
Nail shank tear resistance	EN 12310-1					
- in longitudinal direction		N	150	150	130	170
- in transverse direction		N	250	250	130	300
Resistance to static loading	EN 12370 A	kg		NPD		
Resistance to impact	EN 12691	mm		NPD		
Durability:*						
* Watertightness	EN 1928 A	kPa		NPD		
*Tensile strength	EN 12311-1					
- in longitudinal direction		N/ 50 mm			NPD	
- in transverse direction		N/ 50 mm		NPD		
*Elongation	EN 12311-1	%		NPD		
* Chemical resistance	EN 1847/1931					
* Pliability	EN 1296/1109	°C	NPD			
* Flow resistance at elevated temperature	EN 1296/1110	°C	NPD	NPD		
Pliability	EN 1109	°C	-25	-25	-20	
Water vapor resistance	EN 1931	m <sup>2</sup> sPa/kg				
Flow resistance at elevated temperature	EN 1110	°C	80	80	80	
Dimensional Stability	EN 1107-2	%	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