

Technical Data Sheet - KERABIT 1800 UB Fleece



Nordic Waterproofing Oy
Puistokatu 25-27, 08150 Lohja, Finland
22
001.CPR.55218



Underlay for discontinuous roofing 13859-1 Reinforced bitumen sheets for roof waterproofing EN 13707

Product description	
Use	Underlay sheet with adhesive edges
Application	Mechanical fastening with adhesive edges
Reinforcement	Reinforced polyester
Coating	SBS modified bitumen
Surfacing	PP non-woven fabric
Bottom surfacing	PP non-woven fabric

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	15	-	-
Width	EN 1848-1	m	1,0	0,995	1,005
Mass per unit area	EN 1849-1	g/m ²	1800	1710	-
Nominal thickness	EN 1849-1	mm	1,7	1,5	1,9
Straightness	EN 1848-1	mm / m	pass		30/15
Visual defects	EN 1850-1	-	no defects		

Declaration of performance	001.CPR.55218				
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 ²⁾	EN 13501-5	B _{ROOF} (t2)		

Characteristic	Method	Unit	EN 13707	EN 13859-1	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	W1	300	
	EN 1928 A	mm			200	
Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm	750	750	600	900
		N/ 50 mm	550	550	400	700
Elongation - in longitudinal direction - in transverse direction	EN 12311-1	%	40	40	25	55
		%	40	40	25	55
Nail shank tear resistance - in longitudinal direction - in transverse direction	EN 12310-1	N	230	230	150	310
		N	280	280	150	360
Resistance to static loading	EN 12370 A	kg	NPD		1	
Resistance to impact	EN 12691	mm	NPD	NPD		
Durability:*						
* 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
* Pliability	EN 1296/1109	°C	-20		-10	
* Flow resistance at elevated temperature	EN 1296/1110	°C	80	80	80	
Pliability	EN 1109	°C	-25	-25	-20	
Flow resistance at elevated temperature	EN 1110	°C	80	80	80	
Dimensional Stability	EN 1107-2	%	0,3	0,3		0,6

Dangerous substances^{3), 4)} No dangerous substances

1) concerns only attestation of conformity system 2+
2) see: 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