

## Technical Data Sheet - KERABIT 5100 T



**Nordic Waterproofing Oy**  
Puistokatu 25-27, 08150 Lohja, Finland  
**06**  
004.CPR.15502



Reinforced bitumen sheets for roof waterproofing EN 13707

Product description					
Use	Cap sheet in built-up roofing				
Application	Bonding onto the substrate by melting the undersurface of the membrane and the protective film with a blowtorch. Applying with mechanical fastening, when necessary				
Reinforcement	Reinforced polyester				
Coating	SBS modified bitumen				
Surfacing	Slate and/or mineral granules				
Bottom surfacing	Thermofusible film and torch-on elastomer bitumen				
Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	8	-	-
Width	EN 1848-1	m	1	0,995	1,005
Mass per unit area	EN 1849-1	g/m <sup>2</sup>	5000	4750	-
Nominal thickness	EN 1849-1	mm	4,4	4,1	4,7
Straightness	EN 1848-1	mm / m	pass		16/8
Visual defects	EN 1850-1	-	no defects		
Declaration of performance	004.CPR.15502				
AVCP- class	2+				
Certificate of factory production control	0809-CPR-1030				
Fire properties	Method	Classification	Fireclass		
Reaction to fire	EN ISO 11925-2	EN 13501-1	E		
External fire performance	ENV 1187 <sup>1)</sup>	EN 13501-5	B <sub>ROOF</sub> (t2)		
Characteristic	Method	Unit	Nominal value	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	300	
Tensile strength	EN 12311-1				
- in longitudinal direction		N/ 50 mm	750	600	900
- in transverse direction	N/ 50 mm	550	400	700	
Elongation	EN 12311-1				
- in longitudinal direction		%	40	25	55
- in transverse direction	%	40	25	55	
Nail shank tear resistance	EN 12310-1				
- in longitudinal direction		N	250	150	350
- in transverse direction	N	300	150	450	
Resistance to static loading	EN 12370 A	kg	25	20	
Resistance to impact	EN 12691	mm	1000	800	
Pliability: surface	EN 1109	°C	-20	-20	-30
bottom		°C	-20	-10	-25
Pliability after ageing: surface	EN 1296/1109	°C	-15	-10	
bottom		°C	-10	0	
Adhesion of granules	EN 12039	%	8	0	30
Flow resistance at elevated temperature : surface	EN 1110	°C	80	80	100
bottom			80	80	95
Flow resistance at elevated temperature after ageing	EN 12961110	°C	80	80	
Dimensional Stability	EN 1107-2	%	0,3		0,6
Dangerous substances <sup>2),3)</sup>	No dangerous substances				
1) see: <a href="http://www.kerabit.fi">www.kerabit.fi</a>			NPD = no performance determined		
2) No asbestos or coal tar constituents					
3) 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					