

## Technical Data Sheet - KERABIT 5000



**Nordic Waterproofing Oy**  
Puistokatu 25-27, 08150 Lohja, Finland  
**06**  
002.CPR.15616.2014-03-17



Reinforced bitumen sheets for roof waterproofing EN 13707

Product description	
Use	Single layer capsheet
Application	Bonding to the substrate with hot bitumen by pour and roll. Applying with mechanical fastening, when necessary
Reinforcement	Glass/ polyester
Coating	SBS modified bitumen
Surfacing	Slate and/or mineral granules
Bottom surfacing	Sand

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	4,5	4,3	4,7
Straightness	EN 1848-1	mm / m	pass		16/8
Visual defects	EN 1850-1	-	no defects		

Declaration of performance	002.CPR.15616.2014-03-17
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	F
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	500	
Tensile strength	EN 12311-1				
- in longitudinal direction		N/ 50 mm	1200	950	1450
- in transverse direction	N/ 50 mm	1200	950	1450	
Elongation	EN 12311-1				
- in longitudinal direction		%	25	15	35
- in transverse direction	%	25	15	35	
Nail shank tear resistance	EN 12310-1				
- in longitudinal direction		N	600	500	700
- in transverse direction	N	1000	1150	850	
Resistance to static loading	EN 12370 A	kg	20	15	
Resistance to impact	EN 12691	mm	1500	1000	
Shear resistance of joints	EN 12317-1	N/50 mm	800	600	1000
Peel resistance of joints	EN 12316-1	N/50 mm	NPD		
Pliability	EN 1109				
- surface		°C	-25	-25	
- bottom	°C	-25	-25		
Pliability after ageing	EN 1296/1109				
- surface		°C	-15	-15	
- bottom	°C	-15	-15		
Adhesion of granules	EN 12039	%	8	0	30
Flow resistance at elevated temperature	EN 1110	°C	80	80	
Flow resistance at elevated temperature after ageing	EN 12961110	°C	80	80	
Dimensional Stability	EN 1107-2	%	0,2		0,3
Water vapour diffusion resistance factor	EN 1931	μ	20 000		
Watertightness after stretching at low temperature	EN 13897	%	NPD		

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	