

# Technical Data Sheet - KERABIT 5500 T



**Nordic Waterproofing Oy**  
Puistokatu 25-27, 08150 Lohja, Finland  
**06**  
004.CPR.15450.



Reinforced bitumen sheets for roof waterproofing EN 13707

Product description	
Use	Single layer capsheet
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	Glass/ 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	basic colors black	EN 1849-1	g/m <sup>2</sup>	5500	5225
				6000	5700
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	004.CPR.15450				
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	500	
Tensile strength	EN 12311-1	N/ 50 mm	1200	950	1450
Elongation	EN 12311-1	%	50	40	60
Nail shank tear resistance	EN 12310-1	N	350	300	400
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	°C	-20	-20	
Pliability after ageing	EN 1296/1109	°C	-15	-10	
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: [www.kerabit.fi](http://www.kerabit.fi) 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