

Technical Data Sheet - KERABIT 5100 T LESSNOX



Nordic Waterproofing Oy
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06
003.CPR.15540



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 ²	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	003.CPR.15540				
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 ¹⁾	EN 13501-5	B _{ROOF(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	EN 1109				
- surface		°C	-20	-20	
- bottom	°C	-20	-10		
Pliability after ageing	EN 1296/1109				
- surface		°C	-15	-10	
- bottom	°C	-10	0		
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	%	0,3		0,6

Dangerous substances^{2),3)} No dangerous substances
 NPDP = no performance determined

1) see: www.kerabit.fi
 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