Technical Data Sheet - KERABIT 5100 T Nature

CE
0809

Nordic Waterproofing Oy
Puistokatu 25-27, 08150 Lohja, Finland
19
001.CPR.55522

Kerabit®

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 + tall oil
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/m²	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			001.CPR.55522		
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		

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

NPD = no performance determined