Technical Data Sheet - KERABIT 5500 T

CE
0809

Kerabit Oy
Puistokatu 25-27, 08150 Lohja, Finland
06
005.CPR.15450.

Kerabit
Tuotteet

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	EN 1849-1	g/m²	5500	5225	-
	black			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				005.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[1)]	EN 13501-5	B_{ROOF}(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	1000	750	1250
Elongation	EN 12311-1				
- in longitudinal direction		%	50	40	60
- in transverse direction		%	50	40	60
Nail shank tear resistance	EN 12310-1				
- in longitudinal direction		N	350	300	400
- in transverse direction		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				
- 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	%	0,2		0,3
Water vapour diffusion resistance factor	EN 1931	μ	20 000		
Watertightness after stretching at low temperature	EN 13897	%	NPD		
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

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