

Technical Data Sheet - KERABIT JUURISUOJAKERMI HARMAA



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06



Reinforced bitumen sheets for roof waterproofing EN 13707:2009

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	Polyester
Coating	SBS modified bitumen
Surfacing	Slate 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	4400	4180	-
Nominal thickness	EN 1849-1	mm	3,9	3,7	4,2
Straightness	EN 1848-1	mm / m	pass		16/8
Visual defects	EN 1850-1	-	no defects		

Declaration of performance	002.CPR.16010.2013-03-09
AVCP- class	2+
Certificate of factory production control	0679-CPR-0130

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	950	800	1100
- in transverse direction	N/ 50 mm	650	550	750	
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	200	150	250
- in transverse direction	N	200	150	250	
Resistance to static loading	EN 12370 A	kg	20	15	
Resistance to impact	EN 12691	mm	1500	1000	
Pliability	EN 1109				
- surface		°C	-20	-20	
- bottom	°C	-10	-10		
Pliability after ageing	EN 1296/1109				
- surface		°C	-10	-10	
- bottom	°C	-5	0		
Adhesion of granules	EN 12039	%	8	0	30
Flow resistance at elevated temperature	EN 1110	°C	105	100	
Flow resistance at elevated temperature after ageing	EN 12961110	°C	90	80	
Dimensional Stability	EN 1107-2	%	0,3		0,6
Root resistance	EN 13948		pass		

1) see: www.kerabit.fi

NPD = no performance determined