

Technical Data Sheet - KERABIT VALLEY SHEET



Nordic Waterproofing Oy
Puistokatu 25-27, 08150 Lohja, Finland
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005.CPR.JIIRIKERMI



Reinforced bitumen sheets for roof waterproofing EN 13707:2009

Product description	
Use	Valley sheet
Application	Adhesive bitumen. Applying with mechanical fastening, when necessary
Reinforcement	Reinforced polyester
Coating	SBS modified bitumen
Surfacing	Slate and/or mineral granules
Bottom surfacing	Release film and adhesive bitumen

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	10	-	-
Width	EN 1848-1	m	1,0	0,995	1,005
		m	0,750	0,745	0,755
Mass per unit area	EN 1849-1	g/m ²	black	4400	4180
			mix color	4200	3990
			basic color	4000	3800
Nominal thickness	EN 1849-1	mm	3.6	3.4	3.8
Straightness	EN 1848-1	mm / m	pass		20/10
Visual defects	EN 1850-1	-	no defects		
Declaration of performance			005.CPR.JIIRIERMI		
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	NPD		
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	N/ 50 mm	- in longitudinal direction	750	600
			- in transverse direction	550	400
Elongation	EN 12311-1	%	- in longitudinal direction	40	25
			- in transverse direction	40	25
Nail shank tear resistance	EN 12310-1	N	- in longitudinal direction	250	150
			- in transverse direction	300	150
Resistance to static loading	EN 12370 A	kg	NPD		
Resistance to impact	EN 12691	mm	NPD		
Pliability	EN 1109	°C	- surface	-20	-20
			- bottom	-20	-10
Pliability after ageing	EN 1296/1109	°C	- surface	-15	-10
			- bottom	-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

No dangerous substances

NPD = no performance determined