

Technical Data Sheet - KERABIT Titan



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19
002.CPR.Titan

Kerabit
Tuotteet

Reinforced bitumen sheets for roof waterproofing EN 13707

Product description		Method	Unit	Nominal value	minimum	maximum
Use	Top sheet with adhesive edges 1:2- 1:20 (2,86°- 26,6°) 1:15- 1:20 underlay membrane must be used					
Application	Mechanical fastening with adhesive edges					
Reinforcement	Reinforced polyester					
Coating	SBS modified bitumen					
Surfacing	Slate and/or mineral granules					
Bottom surfacing	Sand					
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	black	EN 1849-1	g/m ²	4400	4180	-
	basic color			3940	3743	-
Nominal thickness	EN 1849-1	mm	3,4	3,1	3,7	
Straightness	EN 1848-1	mm / m	pass			16/8
Visual defects	EN 1850-1	-		no defects		
Declaration of performance	002.CPR.Titan					
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	750	600	900	
		N/ 50 mm	550	400	700	
Elongation	EN 12311-1	%	40	25	55	
		%	40	25	55	
Nail shank tear resistance	EN 12310-1	N	230	150	310	
		N	230	150	310	
Peel resistance of joints	EN 12316-1	N/ 50 mm	NPD			
Shear resistance of joints	EN 12317-1	N/ 50 mm	NPD			
Resistance to static loading	EN 12370 A	kg	15	15		
Resistance to impact	EN 12691	mm	1250	1000		
Pliability	EN 1109	°C	-25	-25		
Pliability after ageing	EN 1296/1109	°C	-15	-15		
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			NPD = no performance determined			
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						