

Technical Data Sheet - KERABIT Pato/ Radon Strip



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004.CPR.PATORADON

Kerabit
Tuotteet

Reinforced bitumen sheets for roof waterproofing EN 13707:2009 Bitumen damp proof courses EN 14967: 2007

Bitumen damp proof sheets including basement tanking sheet EN 13969: 2005

Product description	
Use	Underlay sheet in built-up roofing
Application	Bonding to 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
Surfacing	Sand
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	0,50	0,450	0,505
Mass per unit area	EN 1849-1	g/m ²	4000	3800	-
Nominal thickness	EN 1849-1	mm	3,3	3,1	3,7
Straightness	EN 1848-1	mm / m	pass		16/8
Visual defects	EN 1850-1	-	no defects		
Declaration of performance			004.CPR.PATORADON		
AVCP- class			2+	3	
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 ²⁾	EN 13501-5	B _{ROOF} (t2)			

Characteristic	Method	Unit	EN 13707	EN 13969	EN 14967	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	pass	pass	300	
Tensile strength	EN 12311-1						
- in longitudinal direction		N/ 50 mm	750	750		600	900
- in transverse direction		N/ 50 mm	550	550		400	700
Elongation	EN 12311-1	%	40	40		25	55
Nail shank tear resistance	EN 12310-1						
- in longitudinal direction		N	250	250	250	150	350
- in transverse direction		N	300	300	300	150	450
Shear resistance of joints	EN 12317-1	N/50 mm			NPD		
Resistance to static loading	EN 12370 A	kg	20			15	
	EN 12370 B	kg		NPD			
Resistance to impact	EN 12691	mm	1000	1000	1000	800	
Durability*							
* Watertightness	EN 1928 B	kPa		pass		60	
	EN 1928 B				pass	2	
*Chemical resistance	EN 1847/1928			NPD	NPD		
* Pliability	EN 1296/1109						
- surface		°C	-15			-10	
- bottom		°C	-10			0	
* Flow resistance at elevated temperature	EN 1296/1110	°C	80			80	
Pliability	EN 1109						
- surface		°C	-20	-20	-20	-20	
- bottom			-20	-20	-20	-10	
Water vapor resistance	EN 1931	m ² sPa/kg			2,3 x 10 ¹²	2 x 10 ¹²	
Flow resistance at elevated temperature	EN 1110	°C	80	80		80	
Dimensional Stability	EN 1107-2	%	0,3	0,3			0,6

Dangerous substances^{3),4)}

No dangerous substances

1) concerns only attestation of conformity system 2+

2) see: www.kerabit.fi

3) No asbestos or coal tar constituents

4) 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

*tested after ageing