

# Technical Data Sheet - KERABIT Pato/ Radon Strip



**Nordic Waterproofing Oy**  
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**12**  
003.CPR.PATORADON



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

Bitumen damp proof sheets including basement tanking sheet EN 13969

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
Width	EN 1848-1	m	0,55			0,545	0,555
Mass per unit area	EN 1849-1	g/m <sup>2</sup>	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	003.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 <sup>2)</sup>	EN 13501-5	B <sub>ROOF</sub> (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	N/ 50 mm	750	750		600	900
- in longitudinal direction							
- 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	N	250	250	250	150	350
- in longitudinal direction							
- 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	°C	-15			-10	
- bottom		°C	-10			0	
* Flow resistance at elevated temperature	EN 1296/1110	°C	80			80	
Pliability	EN 1109	°C	-20	-20	-20	-20	
- bottom			-20	-20	-20	-10	
Water vapor resistance	EN 1931	m <sup>2</sup> sPa/kg			2,3 x 10 <sup>12</sup>	2 x 10 <sup>12</sup>	
Flow resistance at elevated temperature	EN 1110	°C	80	80		80	
Dimensional Stability	EN 1107-2	%	0,3	0,3			0,6
Dangerous substances <sup>3),4)</sup>	No dangerous substances						

1) concerns only attestation of conformity system 2+  
2) see: [www.kerabit.fi](http://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