

RADON BLOCKER Foil

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Edition: I

**Harmonized technical specification
EN 13967**

Application: Moisture barrier to be used over the foundations and as a radon-barrier

Certificate of conformity of the factory production control No. 1454-CPR-1024

Flexible sheets for waterproofing. Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet.

No.	Parameter	Test method	Unit	Value
1	Weight	PN-EN 1849-2	[g/m ²]	300 ± 10%
2	Width	PN-EN 1849-2	[m]	3±0,03; other widths with tolerances of ± 1%
3	Length	PN-EN 1849-2	[m]	20 ± 0,5; other lengths with tolerances of ± 2,5%
4	Tensile strength: - MD - CD	PN-EN 12311-1	[N/50mm]	min 560 min 560
5	Elongation: - MD - CD	PN-EN 12311-1	[%]	min 13 min 15
6	Nail tear resistance - MD - CD	PN-EN 12310-1	[N]	min 570 min 500
7	Radon transmittance (P)	Detailed procedure RG*	[m/s]	1,4*10 ⁽⁻⁹⁾
8	Radon permeability (k)	Detailed procedure RG*	[m ² /s]	3,5*10 ⁽⁻¹³⁾
9	Thickness	PN-EN 1849-2	[mm]	0,6
10	Reaction to fire	PN-EN 13501-1	[class]	F
11	Joint strength	PN-EN 12317-2	[N/50mm]	≥200
12	Resistance to static loading	PN-EN 12730	[kg]	20
13	Watertightness	PN-EN 1928 Method A	[kPa]	2
14	Durability of watertightness against artificial ageing	PN-EN 1296 PN-EN 1928 Method A	[kPa]	2
15	Durability of watertightness against chemicals	PN-EN 1847 PN-EN 1928 Method A	[kPa]	2
16	Resistance to impact	PN-EN 12691 Method A	[mm]	200 Method A 250 Method B
17	Color	-	-	white-silver

* The measurements were carried out using the measuring Rn-BOX, (wg. Methods used in SP Swedish National Testing and Research Institute, Building Diagnostics).