

FLOOR RADON EVO



Self-adhesive waterproofing radon gas barrier for foundations

Rubber-bituminous compound with aluminium layer and polyester (PL) coating



Certification SP Institut - radon gas barrier

Self-adhesive

Aluminized surface that reflects heat and radon gas

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TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	1.2 kg/m ²
Thickness	EN 1849-2	1.2 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	> 1500 m
Maximum tensile force MD/CD	EN 12311-1	150 / 150 N/50 mm
Elongation MD/CD	EN 12311-1	20 / 20 %
Resistance to tearing MD/CD	EN 12310-1	70 / 70 N
Watertightness	EN 1928	conforming
Temperature resistance	-	-40 / +80 °C
Static punching shear	-	0.15 / 0.20 N
Joint strength	-	> 35 N/50 mm
Resistance to penetration of air	EN 12114	0 m ³ /m ² h50Pa
Flexibility at low temperature	EN 1109	-20 °C
Dimensional stability	EN 1107-2	< 2 %
Thermal conductivity (λ)	-	0.2 W/mK
Specific heat	-	1500 J/kgK
Density	-	approx. 1000 kg/m ³
Water vapour resistance factor (μ)	-	approx. 1250000
Radon permeability	-	0.56 x 10 ⁻¹² m ² /s
Radon transmittance	-	0.47 x 10 ⁻⁹ m/s

COMPOSITION



- ① **protection:** PL film
- ② **top layer:** reinforced aluminium film
- ③ **bottom layer:** self-adhesive bitumen with elastomeric polymer
- ④ **separation layer:** silicone paper

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
RADONEVO1200	D45215	FLOOR RADON EVO	-	1.0 x 25	25	25

WHERE CAN IT
BE APPLIED?



INSTALLATION INSTRUCTIONS FLOOR RADON EVO

