

Coll Radon

Bituminous adhesive strip, total vapor, radon and methane barrier
Riwega | eternitycomfort

Technical data sheet
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Characteristic	
Material	Bitumen/aluminum/PE
Colour	Alu
Thickness (EN 1849-1)	1,2 mm
Length	25 m
Width	1 m
Straightness	≤ 20 mm/10 m
Fire reaction (EN 11925 / EN 13501-1)	Class E
Fire classification (EN 13501-5)	F _{roof}
Ignitability classification (DIN 4102)	B2
Impermeability (EN 1928)	Passed (≥ 60 KPa)
Coefficient of vapour diffusion (EN 12572)	Passed (S _d ≥ 1500 m)
Tensile strength MD/CD* (EN 12311-1)	MD=180 N/50mm; CD=190 N/50mm
Elongation MD/CD* (EN 12311-1)	MD=15 %; CD=20 %
Resistance to tearing MD/CD* (EN 12310-1)	MD=70 N; CD=70 N
Static load resistance (EN 12730)	Met.A 15 Kg / Met.B 20 Kg
Shear - Joints tensile strength (EN 12317-1)	MD=275 N/50mm; CD=270 N/50mm
Peel - Resistance to joints detachment (EN 12316-1)	35 N/50 mm
Permeability to methane gas (CSI Method)	< 5 cc/m ² x 24h x atm
Application temperature	+ 5°C/+ 45°C
Operating temperature	- 40°C/+ 80°C
Flexibility at low temperature	- 23°C
Hot sliding	90°C
Volatile Organic Compound emissions (VOC)	300 µg/m ³
Resistance coefficient to the vapour passage (µ)	3960000
Coefficient of radon gas transmittance (SP-Method 3873)	0,47 x 10 ⁻⁹ m/s (certified by SP Swedish National Testing and Research Institute)
Permeability to radon gas (SP-Method 3873)	0,56 x 10 ⁻¹² m ² /s (certified by SP Swedish National Testing and Research Institute)
Packaging	1 roll
Storage	Store in a cool, dry place, away from UV rays, temperature between + 5°C and +40°C for max.12 months

* MD= Machine Direction; CD= Cross Direction

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