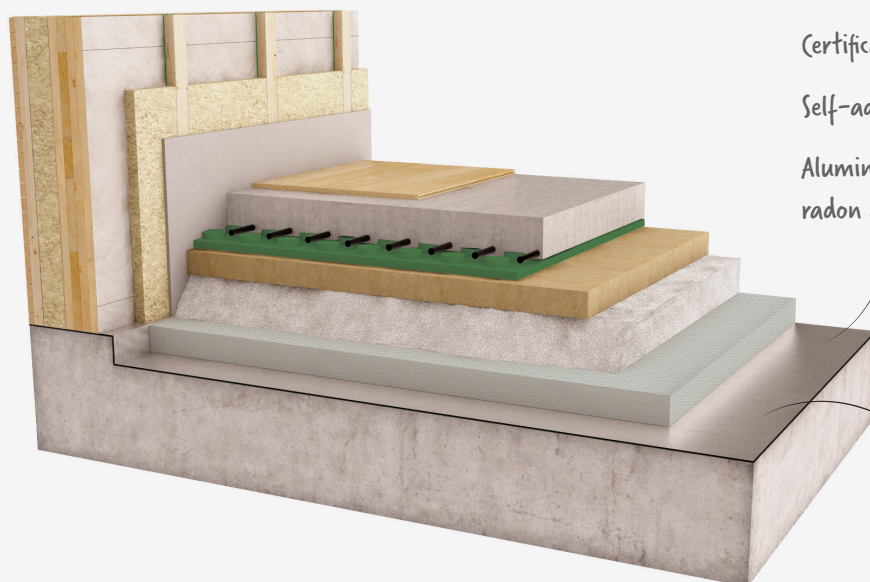


# FLOOR RADON EVO



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

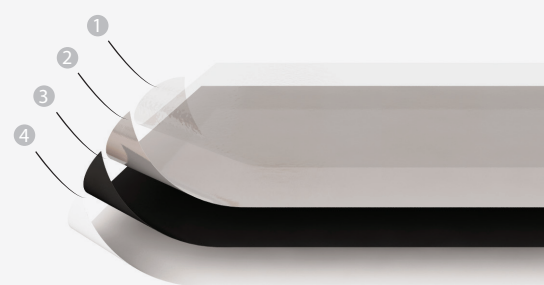
Aluminized surface that reflects heat and radon gas

FLOOR RADON EVO

## TECHNICAL SPECIFICATIONS

| property                           | standard               | value                                      |
|------------------------------------|------------------------|--------------------------------------------|
| Mass per unit area                 | EN 1849-2              | 1.2 kg/m <sup>2</sup>                      |
| 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 <sup>3</sup> /m <sup>2</sup> 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 <sup>3</sup>             |
| Water vapour resistance factor (μ) | -                      | approx. 1250000                            |
| Radon permeability                 | -                      | 0.56 x 10 <sup>-12</sup> m <sup>2</sup> /s |
| Radon transmittance                | -                      | 0.47 x 10 <sup>-9</sup> 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 <sup>2</sup> ] | pcs/ |
|---------------------|---------|-----------------|------|-----------|---------------------|------|
| <b>RADONEVO1200</b> | D45215  | FLOOR RADON EVO | -    | 1.0 x 25  | 25                  | 25   |

WHERE CAN IT  
BE APPLIED?



## INSTALLATION INSTRUCTIONS FLOOR RADON EVO

