

# Gummiflex Antiradon ALU

**Description** Gas-membrane radon resistant used for waterproofing foundation works according with EN13969. Vapour barrier according with EN13970.

**CE** Layer for foundation waterproofing works according with EN13969. Vapour barrier according with EN13970.

**Field of use** Foundation waterproofing works. Vertical walls and horizontal slabs. Vapour barrier

**Certifications and Agreements** CE marking - FPC certificate number 1370-CPR-0042. Gas radon CSI test certificate.

**Composition**  
**Top Surface:** Fine sand  
**Back Surface:** Film  
**Reinforcement:** Fiber glass mat and aluminium foil

**Method of application** Fully torch applied

| <b>Dimension and packaging</b> | <b>Gummiflex Antiradon</b> | <b>ALU 4</b> |
|--------------------------------|----------------------------|--------------|
| Thickness (mm)                 |                            | 4,0          |
| Weight (kg/m2)                 |                            | -            |
| Rolls (m)                      |                            | 1x10         |



| Property                                | Test Method         | Unit  | Value   | Tolerance |
|---|---------------------|---|---------|-----------|
| Lenght                                  | EN 1848-1           | m   | 10      | -1%       |
| Width                                   | EN 1848-1           | m   | 1,0     | -1%       |
| Thickness                               | EN 1849-1           | mm  | 4,0     | ±0,2      |
| Weight                                  | EN 1849-1           | Kg/m2   | NPD     | ±10%      |
| Tensile strength at max                 | EN 12 311-1         | L x T<br>(N/50mm)   | 350/200 | -20%      |
| Elongation at max                       | EN 12 311-1<br>1999 | L x T (%)   | 4/4     | -15       |
| Nail tearing resistance                 | EN 12 310-1         | L x T (N)   | 110/100 | -30%      |
| Static load                             | EN 12 730           | Kg  | NPD     | ≥         |
| Resistance to impact                    | EN 12691            | mm  | 700     | ≥         |
| Flexibility at low temperature          | EN 1109             | (°C)  | -10     | ≤         |
| Flow resistance at elevated temperature | EN 1110             | (°C)  | 120     | ≥         |
| Watertightness                          | EN 1928-B           | kPa   | 60      | ≥         |
| Vapour Transmission (μ)                 | EN 1931             | -   | 1500000 | ≥         |
| Sd value                                | EN 1931             | m   | 5700    | ≥         |
| Radon permeability                      | CSI test method     | cm3/m2 x 24 h<br>x atm  | 1       | ≤         |
| Radon classification                    | CSI method          | For values < 1 cm3/m2 x 24 h x atm<br>Very high barrier performance |         |           |

### Storage

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

### Modifications

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the updated technical data sheet, please contact our technical department.