

## Technical data sheet AKD5

### Product features

#### Application:

The AKD5 is mainly used as vapour barrier in building construction, used to shut off gases and vapours. Effective against toxins from polluted construction materials, e.g. PCP, formaldehyde, PCBs. The PE-coated side of the film is corrosion-resistant to corrosive attack by wet cement (alkalinity).

#### Material:

Pure aluminium foil thickness 0,050 mm,  
PE coated on both sides (amount applied: approx. 50 g/m<sup>2</sup> per side)

#### Characteristics:

|                      | longitudinal direction    | cross direction           |
|----------------------|---------------------------|---------------------------|
| Tensile strength     | 70 - 90 N/mm <sup>2</sup> | 70 - 90 N/mm <sup>2</sup> |
| Elongation           | 6,94 %                    | 7,98 %                    |
| Puncture resistance  | 0,50 J                    | 0,50 J                    |
| Deformation at 80° C | - 0,02 %                  | + 0,01 %                  |

#### Vapour diffusion resistance:

s<sub>d</sub>-value > 1'500 m equivalent air space thickness

#### Delivery form:

0,050 x 1'000 mm, 25 m/reel (Art.-no. 15202)  
0,050 x 1'000 mm, 50 m/reel (Art.-no. 15204)  
0,050 x 1'000 mm, 100 m/reel (Art.-no. 15206)

#### Additional achievement of following standards:

DIN 4102 B2

All data are based on our knowledge and experience. It's intended as an advice without legally binding.

3. February 2025