

Technical data sheet for AKD10 construction film

Field of application: Construction foil for sealing off gases and vapours from the building ground between the floor slab and the cleanliness layer. Effective against indoor toxins from contaminated building materials, e.g. PCP, formaldehyde, PCB and/or PER. Corrosion-resistant gas and vapour barrier is particularly suitable against corrosive attack from wet cement (alkalinity).

Material: Pure aluminium foil 0.100 mm thick, PE coated on both sides (application quantity: approx. 50 g/m²)

Processing: The film sheets are rolled out with a 10 cm overlap on the cleanliness layer. In the case of uneven substrates, a foam film must be applied over the entire surface in advance to prevent any damage to the gas barrier. The 1 m wide sheets are bonded gas-tight at the joints with aluminium self-adhesive tape. It is particularly important that the corners, floor openings and upstands etc. are carefully formed. The foil sheets are not cut, but simply folded to create a seamless corner design. The gas and vapour barrier is then covered with a resistant foam sheet to prevent damage when the concrete slab is installed.

If the film is laid under a wooden floor as a barrier without concrete or screed on top, the edges of the film must be fixed to the walls with double-sided adhesive tape. Seal the film overhang to the wall with aluminium self-adhesive tape.

Roll formats: 0.100 x 1'000 mm, 25 metres/roll (art. no. 15262)
0.100 x 1'000 mm, 50 metres/roll (art. no. 15264)
0.100 x 1'000 mm, 100 m/roll (art. no. 15266)

Vapour tightness: sd value > 5,500 m equivalent air layer thickness

Additional fulfilment

following standard: **DIN 4102 B2**

The information contained in this data sheet is based on careful checks and reflects our current state of knowledge. They do not rule out the need to test the material for suitability for specific applications.

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