



ARVO PE ALUMINIUM PAPER

Vapor barrier for humid spaces

PRODUCT DESCRIPTION

Arvo PE Aluminium Paper is a tough, water vapour-impermeable vapor barrier paper. The aluminium paper is tested for the purpose, CE - marked, and withstands both high moisture loads and high temperatures. It is installed longitudinally along the frame, fastened to the structure with staples or nails. Airtightness must be ensured by taping the seams and penetrations with Tectis Aluminium Tape. The material is a kraft-paper laminate made of aluminium and polyethylene.

AREAS OF USE

Arvo PE Aluminium Paper is used as an interior vapor barrier in humid spaces or in spaces requiring high airtightness, preventing water vapour from entering the structures and insulation. The most common application for aluminium paper is sauna construction. The aluminium paper is installed on the side of the structure where the partial pressure of water vapour is highest (usually the warm side), with the aluminium surface facing the air gap or the warm room. The temperature resistance of Arvo PE Aluminium Paper and Tectis Aluminium Tape is up to +140 °C.



PRODUCT BENEFITS

- Wide temperature resistance
- CE-marked
- High quality
- Airtight
- Easy and quick to install
- Long-lasting
- Strong structure
- Tested airtightness system
- Contains no hazardous substances



ARTICLE TABLE

Product nr.	Name	Width	Thickness	Weight	Packaging
06918	Aluminiumpaper Arvo 30 m ²	1,25 m x 24 m	0,12 mm	3,6 kg	145 rll / pallet

TECHNICAL INFORMATION

Properties	Classification
Material	Aluminium - polyethylene
Reaction to fire	Class F
Water vapour permeability (Sd)	> 3765 m
Water vapour permeability after alkaline ageing	> 4530 / approved
Tensile strength, longitudinal	> 423 N/50mm
Elongation at break, longitudinal	> 2,1%
Tensile strength, transverse	> 193 N/50mm
Elongation at break, transverse	> 5,9%
Nail shank tear resistance, longitudinal	> 15,0 N
Nail shank tear resistance, transverse	> 17,9 N
Colour	Aluminium / Brown
Temperature resistance	-40 °C – +140 °C
Storage conditions	Dry conditions

We recommend using Tectis Aluminium Tape or Tectis Aluminium Tape Extra strong for installing Arvo PE Aluminium Paper.

The aluminium tape has a thick aluminium foil and strong adhesive. It is suitable, for example, for taping and sealing aluminium paper, as well as for sealing vapor barriers in saunas. Heat resistance up to +140 °C!

