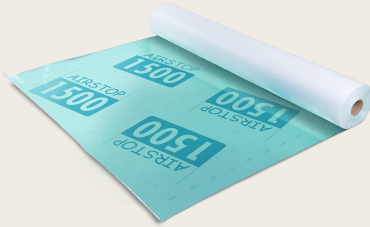


Technical data sheet



AIRSTOP 1500 Vapour Barrier

An extremely tear-resistant vapour barrier for use in the air-tight and vapour-tight layer in roof and wall constructions. When professionally installed it can prevent the ingress of vapour into the construction even where there is very high moisture load.

Advantages

- vapour-tight
- simple installation
- high tear-resistance
- resistant

Recommended products

	AIRSTOP SOLO Adhesive Tape
	AIRSTOP ELASTO Adhesive Tape
	AIRSTOP FLEX Adhesive Tape
	AIRSTOP KB Adhesive Tape

Available dimensions

Article number	Roll width	Roll length	Rolls / Pallet	Total area
2AP1500	1.5 m	50 m	30 rolls	2250 m ²

Technical data

sd-value	1500 m	Material composition	LDPE multi-layer film with fleece coating
Elongation (EN 12311-1) lengthwise	20 % (-5/+30)	Elongation (EN 12311-1) crosswise	20 % (-5/+30)
Tensile strength (EN 12311-1) lengthwise	450 N / 50 mm (-250/+50)	Tensile strength (EN 12311-1) crosswise	430 N / 50 mm (-250/+50)
Tear propagation resistance (EN 12310-1) lengthwise	430 N (-280/+50)	Tear propagation resistance (EN 12310-1) crosswise	450 N (-270/+50)
Temperature resistance	-40-80 °C	Weight	270 g/m ²
Colour	Metallic green with imprint	Storage	cool and dry
Fire performance (EN 13501-1 / EN 11925-0)	E		

AIRSTOP 1500 Vapour Barrier

Info

Vapour barriers can be used with wall, roof and ceiling construction elements as an airtight layer and as a vapour retarding layer. Airtight membranes and adhesives are generally not permanently UV-resistant and must therefore be covered with cladding or otherwise protected.

(1) Mechanical attachment of the vapour barrier

The vapour barrier is usually attached transverse to the position of the rafters, joists or beams with the smooth and/or printed side facing the installer. The lengths are fixed mechanically to the construction's wood with approx. 10cm overlap using tacking staples. For metal C-studs a temporary attachment using double-sided adhesive tape or even a spray-on contact adhesive is a possibility.

(2) Airtight adhesion

Airtight adhesion of the joints, connections and penetration points must be carried out using the AIRSTOP Adhesion system.

(3) Transverse lathing / Mounted at intervals

The laths underneath the vapour barrier have to be mounted before the cellulose is blown in. The centre distance shall be less than ≤ 30 cm. The joints of the vapour barrier also have to be covered by an additional lath. Glued connections and joints that were under tension have to be mechanically secured. The membrane has to be applied without tension.

(4) Longitudinal lathing

When no transverse lathing is used, e.g. if formwork is installed on longitudinal lathing, the vapour barrier must be placed parallel to the rafters or to the construction. The joints must lie on the wood of the construction and be stapled overlapping and sealed using AIRSTOP adhesive tape. Before the insulation is blown in the longitudinal lathing must be mounted to provide mechanical relief of the joints.

