

Secco ALU 110/180

Vapour barrier foil Secco ALU 110 and ALU 180



PRODUCT DESCRIPTION

The vapour barrier foil is made of polyethylene reinforced with polypropylene mesh, metallized with a layer of aluminum. Thanks to the metallized layer, it reflects thermal energy and enhances the insulation effect. High resistance to tearing prevents mechanical damage

APPLICATION

As a protection of the roof structure and a layer of thermal insulation against the inflow of water vapour from rooms the interior of the house, and also prevent losses heat caused by the ventilation. It is a barrier to water and wind and additionally it reflects heat energy, improving the insulation effect

BENEFITS

- ✓ prevents the loss of heat energy
- ✓ protects against the damaging effects of moisture
- ✓ high tear resistance and mechanical damage
- ✓ prevents the occurrence of mould and fungi
- ✓ prevents condensation of water vapour above the thermal insulation and the moisture in insulation

TECHNICAL SPECIFICATION

Material:	polyethylene film, polypropylene mesh, aluminium
Color:	silver
Weight (g/m ²), Secco Alu 110 / Secco Alu 180:	110 ± 10% / 180 ± 10%
Length (m):	50
Width (mm):	1500
Water vapour permeability diffusion resistance (m ² *s*Pa/kg)	
Secco Alu 110 / Secco Alu 180	≥ 2,5*10 ¹¹ / ≥ 5 *10 ¹¹
Resistance to water penetration:	meets the requirements at 2kPa
Tear resistance (along, across)(N)	
Secco Alu 110 / Secco Alu 180	≥100, ≥100 / ≥120, ≥120
Elongation (along, across) (%)	
Secco Alu 110 / Secco Alu 180	≥8, ≥ 4 / ≥11, ≥ 5
Reaction to fire	class E

PACKAGING

Product name	Width (m)	Quantity on the pallet (rol.)	Quantity on the pallet (m ²)
Secco Alu 110	1,5	120	9000
Secco Alu 180	1,5	60	4500

STORING

Store in original, undamaged packaging, in indoor places, away from sources of fire and sunlight. Warranty storage time: 1 years.

INSTALLATION INSTRUCTIONS

The product should be installed perpendicularly or parallel to the rafter, starting with from the top.

Arrange the next product bands as follows for a bet: 15 cm for parallel laying and 20cm for perpendicular laying to the rafters. For longitudinal installation, the joints of the adjacent chords must lie on the rafters.

The product must be fixed to the rafters with staples, and overlapping strips tightly join together with double-sided adhesive tape.

At joints with elements The following should be used when facing the roof self-adhesive. The product must be installed carefully and without any damage whatsoever and breaks, and all the contacts and connections must be properly sealed.