# 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

## **TECHNICAL SPECIFICATION**

#### **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

Material:	polyethylene film, polypropylene mesh, aluminium	
Color:	silver	
Weight (g/m2), Secco Alu 110 / Secco Alu 180:	110 ± 10% / 180 ± 10%	
Length (m):	50	
Width (mm):	1500	
Water vapour permeability diffusion resistance (m2*s*Pa/kg)		
Secco Alu 110 / Secco Alu 180	$\geq 2,5^{10^{11}}/\geq 5^{10^{11}}$	
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	$\geq 8, \geq 4 / \geq 11, \geq 5$	
Reaction to fire	class E	

### PACKAGING

		Quantity on	Quantity on
Product	Width (m)	the pallet	the pallet
name		(rol.)	(m²)
Secco Alu 110	1,5	120	9000
Secco Alu 110	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.

#### KT/SE/P/3/1 EN 19.09.2019

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The information included in this data sheet, in particular the recommendations concerning the manner and conditions of application and the scope of application and use of the product, has been compiled on the basis of our professional experience, our best knowledge and good faith. This technical data sheet specifies the scope of application of the material and the recommended method of carrying out the works, but cannot replace the professional preparation of the contractor. In addition to the information given in this technical data sheet in compliance with the good building practice, the relevant national and European standards, approval documents, health and safety regulations, etc., must be observed.



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