



ALUFLEX

Description

ALUFLEX is a vapour barrier made of metallized PET film and a polyethylene film reinforced by a frame of polyethylene.

Application

ALUFLEX is used as vapour-barrier and/or windscreen (to increase air permeability of the building).

ALUFLEX is a vapour-barrier to be used on wall, floor and roof, in compliance with standard NF P 21-204-1 (DTU 31.2 "Timber frame houses and buildings"), and with CSTB 3560 notes ("Guidelines for attics thermal insulation").

Warning:

ALUFLEX is not suitable as vapour-barrier for mountain climate when use for SARKING system.

Composition

Reinforcement	frame of polyethylene
Weight (gr/m ²)	156
Topside	metallized PET film
Underside	LD polyethylene film

Characteristics

Tensile strength: L (N/5cm) (EN 12311-1)	MDV	440
Tensile strength: T (N/5cm) (EN 12311-1)	MDV	430
Elongation at break: L (%) (EN 12311-1)	MDV	24
Elongation at break: T (%) (EN 12311-1)	MDV	22
Nail tear resistance: L (N) (EN 12310-1)	MDV	180
Nail tear resistance: T (N) (EN 12310-1)	MDV	200
Cold flexibility (°C) (EN 1109)	MDV	-40
Watertightness (EN 1928)	MDV	pass
Water vapour transmission (m) (EN 1931)	MDV	158
Reaction to fire (EN 13501-1)		NPD

MDV = manufacturer declared value

MLV = manufacturer limited value

NPD = No performance determined



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TECHNICAL DATA SHEET

BETF-236/227-12-eng



Packing

Roll dimensions (m)	50 x 1,5
Roll weight (kg)	12
Storage	50

ALUFLEX must be stored upon flat support away from bad weather and temperature variations.

Installation

ALUFLEX is laid continuously on the inside of heated room between insulation and lining. It must cover the entire outer shell of housing or heated buildings.

Airtightness system:

ALUFLEX is horizontally unrolled and stapled on timber frame with at least 10 cm overlapping. Horizontal and vertical overlaps are covered with AIR'STICK adhesive.

A continuous bead of AIR'SOPRASEAL INT sealant is used to joint ALUFLEX with walls: floor, ceiling, joineries..

Certifications



Standard : EN 13984

Special indications

Health and Environment :

The membrane does not contain any substance which is likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For more detailed information, please refer to the relevant safety data sheet.

Quality control :

SOPREMA has always attached the highest importance to Quality Control. For this reason, we operate an independently monitored Quality Assurance System in line with **EN ISO 9001:2008**.



ISO 9001