ALU VAPOR BARRIER

INDICE

1. DATI E DOCUMENTAZIONE

Code	Description	Measures (m)	m²/cf.	Weight	Pallet
LUC70-9083	ALU Vapour barrier	1,50 x 50	75	100 gr/m²	30 cf.

MATERIAL Aluminum and polyethylene

GENERAL FEATURES	STANDARD OF REFERENCE	UNIT	Nominal value	Tollerance	
				Min	Max
LENGTH	EN 1848-2	[m]	50	-	-
WIDTH	EN 1848-2	[m]	1,5; 3	-0,5%	+1,5%
STRAIGHTNESS	EN 1848-2	-	compliant	-	-
THICKNESS	EN 1849-2	[mm]	0,2	-0,02	+0,02
BASE WEIGHT	EN 1849-2	[g/m²]	100	-10	+10
VISIBLE DEFECTS	EN 1850-2	-	privo di difetti visibili		
REGULATORY FEATURES					
REACTION TO FIRE	EN 13501-1 EN 11925-2	[class]	E	-	-
IMPERMEABILITY	EN 1928	-	compliant	-	-
WATER VAPOR PERMEABILITY (diffuse equivalent thickness)	EN 1931	[m]	200	-60	+60
LONGITUDINAL AND TRANSVERSE TENSILE STRENGTH	EN 12311-2 EN 13859-1	[N/50mm]	>230 / >230	-	-
LONGITUDINAL AND TRANSVERSE TEAR RESISTANCE	EN 12310-2 EN 13859-1	[N]	>110 / >110	-	-
IMPACT RESISTANCE	EN 12691		npd	-	-
ADHESION CAPACITY	EN 12317-2		npd	-	-
RESISTANCE TO DEFORMATION UNDER LOAD	EN 13984		npd	-	-
ALKALI RESISTANCE	EN 13984 EN 12311-2		npd	-	-
ACTION OF ARTIFICIAL AGING ON WATER VAPOR PERMEABILITY	EN 1296 EN 1931		compliant	-	-
HAZARDOUS SUBSTANCES			npd	-	-

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2. CERTIFICATE

CE
EN 13859

3. DESCRIPTION

Composed of 1 layer of aluminum with vapor barrier function and 1 layer of polyethylene reinforcement.
Packaging = 1.50 x 50 m roll.
Individually packed in cellophane.

4. USE

Used as a barrier for vapor passage, it eliminates the risks of condensation and ensures the effectiveness of the insulation.
Protects against water, air and wind infiltration.

5. LAYING TIPS

Laying: laid horizontally, parallel to the eaves, from bottom to top
Overlaps: 15 cm for a slope > to 30%, 20 cm for a lower slope.
Consider 10 cm for connections.
Fixing: fix progressively with the help of a stapler and battens. In overlapping areas, the two shims should be fixed. It is recommended that adhesive tape be laid between the Rewafol Alu screen and lath to ensure nailing.
Sheeting bonding: recommended in cases of weak slope, strong wind exposure. Carry out fixing with Thermoband adhesive bands for underlayment screens, which also allow repair work.
Ridge treatment: the screen must absolutely be cut about 10-15 cm from the ridge itself.
Treatment of details.
Walls: in the presence of vertical walls, cut the sheet increased by 10 cm and turn it up on the wall itself, fixing it with butyl adhesive bands that also ensure water-proofing...
Chimneys: same procedure on all four sides. Create an embankment around the chimney with the execution of a drainage channel on the top that allows the evacuation of rainwater, snow etc...
Eaves:
- Carry the screen up to the eaves: the connection should be made with the help of a flashing to convey water directly from the undercover to the eaves. The screen should overlap that flashing by at least 10 cm without overflowing into the eaves.
- Bring the screen under the eaves: you simply leave the screen in contact with the battens up to their ends. In case, it is advisable to protect the head of the laths with a profile that will act as a drip.

6. TECHNICAL SPECIFICATION

Item	Description	Unit	Price
Dak.R.LUC70.9083	Supply and installation of vapor barrier Composed of 1 layer of aluminum with vapor barrier function and 1 layer of polyethylene reinforcement. 1.50 x 50 m roll. Individually packed in cellophane. Grammage 100 g/m2. Guarantees an Sd value of 20 m. Used as a barrier to the passage of vapor, eliminates the risks of condensation and ensures the effectiveness of the insulation. Protects against water, air and wind infiltration.	roll	-