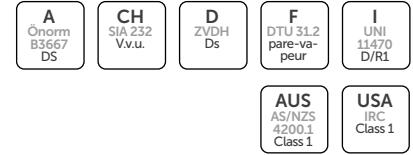


STOP HOUSE ALU NET 100

REFLECTIVE VAPOUR BARRIER Sd 150 m



- Its improves the energy performance of the construction panels by reflecting heat inwards, increasing thermal resistance
- Thanks to reinforcing grid, it is not affected by mechanical stress or by staples and nails
- Specific material with the function of limiting the passage of vapour from the hot part to the cold part of structures



CODE	tape	H [m]	L [m]	A [m ²]	pcs
STOPHALU100	-	1,5	50	75	80

COMPOSITION

- ① top layer: functional aluminised PE film
- ② middle layer: PE reinforcing grid
- ③ single layer: PE functional film



TECHNICAL DATA

properties	standard	value
mass per unit area	EN 1849-2	100 g/m ²
thickness	EN 1849-2	0,2 mm
water vapour transmission (Sd)	EN 1931	150 m
MD/CD tensile strength	EN 12311-2	> 230 / 230 N/50mm
MD/CD elongation	EN 12311-2	15 / 10 %
resistance to nail tearing MD/CD	EN 12310-1	> 110 / 110 N
watertightness	EN 1928	conforming
indirect exposure to UV rays	-	2 weeks
thermal resistance	-	-40 / 80 °C
reaction to fire	EN 13501-1	class E
resistance to penetration of air	EN 12114	< 0,02 m ³ /(m ² h50Pa)
water vapour resistance:		
- after artificial ageing	EN 1296 / EN 1931	conforming
- in the presence of alkalis	EN 1847 / EN 12311-2	npd
thermal conductivity (λ)	-	0,39 W/(m·K)
specific heat	-	1700 J/(kg·K)
density	-	approx. 500 kg/m ³
water vapour resistance factor (μ)	-	approx. 7500000
VOC content	-	0 %
reflectivity	EN 15976	approx. 50 %
equivalent thermal resistance with 50 mm air gap (ε _{other surface} 0,025 and 0,88)	ISO 6946	R _{9,0.025} : 0,799 (m ² K)/W R _{9,0.88} : 0,304 (m ² K)/W