



FIREBREATHER ALU A2 W1

- + IMPROVES SUMMER INSULATION
- + RESISTS TO UV (5 000 H)
- + ACHIEVES FIRE CLASSIFICATION
- + INCREASES AIRTIGHTNESS



NON COMBUSTIBLE
A2-s1,d0



SUMMER INSULATION



HIGHLY BREATHABLE



WATERTIGHTNESS
W1



42 m²

Thickness 0,43 mm
Weight 18 kg
1,20 m x 35 m





FIREBREATHER ALU A2 W1

GENERAL CHARACTERISTICS

Material	Micro-perforated aluminum foil, functional film, glass fiber fabric, integrated adhesive tape
Thickness	0,43 mm
Mass per unit area	430 g/m ²

ESSENTIAL CHARACTERISTICS

Water penetration	W1	EN 1928
Reaction to fire	A2-s1,d0	EN 13501-1
Water vapour permeability (Sd Value)	0,08 m	EN 12572
Resistance to vapour penetration	0,44 MN.s/g	EN 12572
Water vapour diffusion coefficient (μ)	235	EN 12572
Air tightness	0,094 m ³ /(h x m ² x 50 Pa)	EN 12114
UV resistance (without cladding)	9 months	
UV resistance* (50% and 50 mm joints)	Permanent (5 000 hours tested)	
Temperature range	-36°C to 90°C	

ESSENTIAL CHARACTERISTICS

TENSILE STRENGTH		
Longitudinal direction (L)	3 000 N/50 mm	EN 12311-1
Transversal direction (T)	3 200 N/50 mm	EN 12311-1
ELONGATION		
Longitudinal direction (L)	6 %	EN 12311-1
Transversal direction (T)	5 %	EN 12311-1
RESISTANCE TO TEARING		
Longitudinal direction (L)	580 N	EN 12310-1
Transversal direction (T)	450 N	EN 12310-1

PACKAGING CHARACTERISTICS

Width	1,20 m
Length	35 m
Total m ²	42 m ²
Usable m ²	38,5 m ²
Weight	19 kg

CE
13859-1
13859-2



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