

# A2 FIREBREATHER W1

Non-combustible and reflective breather membrane.



Non-combustible



Breathable



Reflective

## KEY STRENGTHS

- Non-combustible A2-s1, d0
- Highly breathable
- Summer insulation
- Watertight W1
- Integrated adhesive tape
- Long lifespan

# A2 FIREBREATHER W1

Non-combustible and reflective breather membrane.



## GENERAL CHARACTERISTICS :

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

## 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 ( $\mu$ )	235	EN 12572
Reflectivity	95%	EN 16012
Air tightness	0,093 m <sup>3</sup> /(h x m <sup>2</sup> 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	

## MECHANICAL CHARACTERISTICS :

### TENSILE STRENGTH :

Longitudinal sense (L)	3 000 N/50mm $\pm$ 400	EN 12311-1
Transversal sense (T)	3 200 N/50mm $\pm$ 400	EN 12311-1

### ELONGATION :

Longitudinal sense (L)	6 % $\pm$ 2	EN 12311-1
Transversal sense (T)	5 % $\pm$ 2	EN 12311-1

### RESISTANCE TO TEARING :

Longitudinal sense (L)	580 N $\pm$ 75	EN 12310-1
Transversal sense (T)	450 N $\pm$ 75	EN 12310-1

## PACKAGING CHARACTERISTICS :

Width	1,20 m
Length	35 m / 50 m
Total m <sup>2</sup>	42 m <sup>2</sup> / 60 m <sup>2</sup>
Usable m <sup>2</sup>	38,5 m <sup>2</sup> / 55 m <sup>2</sup>
Weight	19 kg / 26 kg
Packaging	24 rolls/pallet (1008 m <sup>2</sup> / 1 440 m <sup>2</sup> )

\* For any other project conditions, contact our technical department.

