

# Black A2 FIREBREATHER W2

Breather and non-combustible rainscreen.



## KEY STRENGTHS

- Non-combustible A2-s1, d0
- Highly breathable
- Long lifespan
- Rainproof W2
- Easy to cut
- UV resistant

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Breather and non-combustible rainscreen.



## GENERAL CHARACTERISTICS :

Material	Glass fibre fabric and black filled coating
Thickness	0,23 mm
Mass per unit area	225 g/m <sup>2</sup>

## ESSENTIAL CHARACTERISTICS :

Water penetration	W2	EN 13111
Reaction to fire	A2-s1, d0	EN 13501-1
Water vapour permeability (Sd Value)	0,09 m	EN 12572
Resistance to vapour penetration	0,475 MN.s/g	EN 12572
Water vapour diffusion coefficient ( $\mu$ )	458	EN 12572
Reflectivity	95%	EN 16012
Air tightness	0,006 m <sup>3</sup> /(h x m <sup>2</sup> x 50 Pa)	EN 12114
UV resistance (without cladding)	Permanent	
UV resistance* (50% and 50 mm joints)	Permanent	
Temperature range	-36°C to 100°C	

## MECHANICAL CHARACTERISTICS :

### TENSILE STRENGTH :

Longitudinal sense (L)	4 200 N/50mm $\pm$ 400	EN 12311-1
Transversal sense (T)	3 100 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)	290 N $\pm$ 75	EN 12310-1
Transversal sense (T)	390 N $\pm$ 75	EN 12310-1

## PACKAGING CHARACTERISTICS :

Width	1,50 m
Length	50 m
Total m <sup>2</sup>	75 m <sup>2</sup>
Usable m <sup>2</sup>	70 m <sup>2</sup>
Weight	19 kg
Packaging	35 rolls/pallet (2 625 m <sup>2</sup> )

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

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