

Skytech® PRO XL 50

Non-combustible and insulating roof breather membrane.



KEY STRENGTHS

- Non-combustible A2-s1, d0
- Highly breathable
- Long lifespan
- Winter/summer insulation
- Integrated adhesive tape
- No wind load

Skytech[®] PRO XL 50

Non-combustible and insulating roof breather membrane.



GENERAL CHARACTERISTICS :

Material	Micro-perforated aluminum foils, functional film, glass fibre fabric, E glass needle mat and integrated adhesive tape
Thickness	26 mm
Mass per unit area	2 900 g/m ²

ESSENTIAL CHARACTERISTICS :

Water penetration	W1	EN 13111
Reaction to fire	A2-s1, d0	EN 13501-1
Thermal resistance with 2 air gaps	2,20 m ² .K/W	EN 16012
Water vapour permeability (Sd Value)	0,08 m	EN 12572
Resistance to vapour penetration	0,40 MN.s/g	EN 12572
Water vapour diffusion coefficient (μ)	3	EN 12572
Reflectivity	0,072 m ³ /(h x m ² x 50 Pa)	EN 16012
Air tightness	95%	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)	1 483 N/50 mm ± 400	EN 12311-1
Transversal sense (T)	1 106 N/50 mm ± 400	EN 12311-1

ELONGATION :

Longitudinal sense (L)	5,3 % ± 2	EN 12311-1
Transversal sense (T)	5 % ± 2	EN 12311-1

RESISTANCE TO TEARING :

Longitudinal sense (L)	171 N ± 50	EN 12310-1
Transversal sense (T)	184 N ± 50	EN 12310-1

PACKAGING CHARACTERISTICS :

Width	1,06 m
Length	6,40 m
Total m ²	6,80 m ²
Usable m ²	6,15 m ²
Weight	19 kg
Packaging	12 rolls/pallet (81,6 m ²)

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

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