



SKYTECH® PRO XL 50

- + IMPROVES SUMMER AND WINTER INSULATION
- + AVOIDS RISK OF CONDENSATION
- + ACHIEVES FIRE CLASSIFICATION
- + REDUCES THERMAL BRIDGES



SUMMER INSULATION
Reflectivity 95%



WINTER INSULATION
 $R = 2,2 \text{ m}^2 \cdot \text{K/W}$



NO FIRE SPREAD
A2-s1, d0



HIGHLY BREATHABLE



6,8 m²
Thickness 26 mm
Weight 19 kg
1,12 m x 6,40 m





SKYTECH[®]

PRO XL 50

GENERAL CHARACTERISTICS

Material	Micro-perforated aluminium foils, functional film, glass fiber 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	2,2 m ² .K/W	EN 16012
Water vapour permeability (Sd Value)	0,08 m	EN 12572
Resistance to vapour penetration	0,4 MN.s/g	EN 12572
Water vapour diffusion coefficient (μ)	3	EN 12572
Air tightness	0,072 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	

MECHANICAL CHARACTERISTICS

TENSILE STRENGTH		
Longitudinal direction (L)	1 483 N/50 mm	EN 12311-1
Transversal direction (T)	1 106 N/50 mm	EN 12311-1
ELONGATION		
Longitudinal direction (L)	5,3 %	EN 12311-1
Transversal direction (T)	5 %	EN 12311-1
RESISTANCE TO TEARING		
Longitudinal direction (L)	171 N	EN 12310-1
Transversal direction (T)	184 N	EN 12310-1

PACKAGING CHARACTERISTICS

Width	1,06 m
Length	6,4 m
Total m ²	6,8 m ²
Usable m ²	6 m ²
Weight	19 kg
Packaging	12 rolls/pallet (240 m ²)

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



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