



# SKYTECH® PRO XL

+ IMPROVES SUMMER  
AND WINTER INSULATION

+ AVOIDS RISK  
OF CONDENSATION

+ ACHIEVES FIRE  
CLASSIFICATION

+ REDUCES THERMAL  
BRIDGES



SUMMER INSULATION  
Reflectivity 95%



WINTER INSULATION  
R = 1,7 m<sup>2</sup>.K/W



NO FIRE SPREAD  
A2-s1,d0



HIGHLY BREATHABLE



**20 m<sup>2</sup>**

Thickness 13 mm  
Weight 25 kg  
1,12 m x 18 m





# SKYTECH<sup>®</sup>

## PRO XL

### GENERAL CHARACTERISTICS

Material	Micro-perforated aluminium foils, functional film, glass fiber fabric, E glass needle mat and integrated adhesive tape
Thickness	13 mm
Mass per unit area	1 350 g/m <sup>2</sup>

### ESSENTIAL CHARACTERISTICS

Water penetration	W1	EN 13111
Reaction to fire	A2-s1,d0	EN 13501-1
Thermal resistance with 2 air gaps	1,7 m <sup>2</sup> .K/W	EN 16012
Water vapour permeability (Sd Value)	0,06 m	EN 12572
Resistance to vapour penetration	0,3 MN.s/g	EN 12572
Water vapour diffusion coefficient ( μ )	7	EN 12572
Air tightness	0,072 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	

### ESSENTIAL CHARACTERISTICS

<b>TENSILE STRENGTH</b>		
Longitudinal direction (L)	1 000 N/50 mm	EN 12311-1
Transversal direction (T)	1 000 N/50 mm	EN 12311-1
<b>ELONGATION</b>		
Longitudinal direction (L)	6 %	EN 12311-1
Transversal direction (T)	4 %	EN 12311-1
<b>RESISTANCE TO TEARING</b>		
Longitudinal direction (L)	275 N	EN 12310-1
Transversal direction (T)	280 N	EN 12310-1

### PACKAGING CHARACTERISTICS

Width	W1
Length	18 m
Total m <sup>2</sup>	20 m <sup>2</sup>
Usable m <sup>2</sup>	18 m <sup>2</sup>
Weight	25 kg
Packaging	12 rolls/pallet (240 m <sup>2</sup> )

**CE**  
13859-1  
13859-2



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