



INTECH[®] STRONG

- + IMPROVES WINTER INSULATION
- + PROTECTS INSULATING MATERIALS
- + ACHIEVES FIRE CLASSIFICATION
- + REDUCE THERMAL BRIDGES



NO FIRE SPREAD
A2-s1,d0



WINTER INSULATION
 $R = 1,55 \text{ m}^2 \cdot \text{K/W}$



VAPOUR BARRIER
 $S_d > 2500 \text{ m}$



25 m²
Thickness 6 mm
Weight 22 kg
1 m x 25 m





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GENERAL CHARACTERISTICS

Material	Aluminum foils, glass fiber fabric, E glass needle mat
Thickness	6 mm
Mass per unit area	850 g/m ²

ESSENTIAL CHARACTERISTICS

Reaction to fire	A2-s1,d0	EN 13501-1
Thermal resistance with 2 air gaps	1,55 m ² K/W	EN 16012
Water vapour permeability (Sd Value)	> 4 000 m	EN 12572
Resistance to vapour penetration	> 20 000 m MN.s/g	EN 12572
Water vapour diffusion coefficient (μ)	666666	EN 12572
Air tightness	0 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 180°C	

ESSENTIAL CHARACTERISTICS

TENSILE STRENGTH		
Longitudinal direction (L)	950 N/50 mm	EN 12311-2
Transversal direction (T)	950 N/50 mm	EN 12311-2
ELONGATION		
Longitudinal direction (L)	3 %	EN 12311-2
Transversal direction (T)	3 %	EN 12311-2
RESISTANCE TO TEARING		
Longitudinal direction (L)	150 N	EN 12310-1
Transversal direction (T)	150 N	EN 12310-1

PACKAGING CHARACTERISTICS

Width	1 m
Length	25 m
Total m ²	25 m ²
Usable m ²	22,5 m ²
Weight	22 kg
Packaging	12 rolls/pallet (300m ²)



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