

NEST

Non-combustible and high-density air & vapour control layer.



KEY STRENGTHS

- Non-combustible A1
- Space saving
- Long lifespan
- Good insulation
- Easy to install



GENERAL CHARACTERISTICS :

Material	Aluminum foils, E glass needle mat
Thickness	6 mm
Mass per unit area	820 g/m ²

ESSENTIAL CHARACTERISTICS :

Reaction to fire	A1	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 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 month	
UV resistance* (50% and 50 mm joints)	Permanent (5 000 hours tested)	
Temperature range	-36°C to 180°C	

MECANICAL CHARACTERISTICS :

TENSILE STRENGTH :

Longitudinal sense (L)	NPD*	EN 12311-2
Transversal sense (T)	NPD*	EN 12311-2

ELONGATION :

Longitudinal sense (L)	NPD*	EN 12311-2
Transversal sense (T)	NPD*	EN 12311-2

RESISTANCE TO TEARING :

Longitudinal sense (L)	NPD*	EN 12310-1
Transversal sense (T)	NPD*	EN 12310-1

PACKAGING CHARACTERISTICS :

Width	1 m
Length	25 m
Total m ²	25 m ²
Usable m ²	23 m ²
Weight	20 kg
Packaging	12 rolls/pallet (300 m ²)

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

* No performance determined.