



REFLEXTHERM

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



SUMMER INSULATION
Reflectivity 95%



WINTER INSULATION
 $R = 1,5 \text{ m}^2 \cdot \text{K/W}$



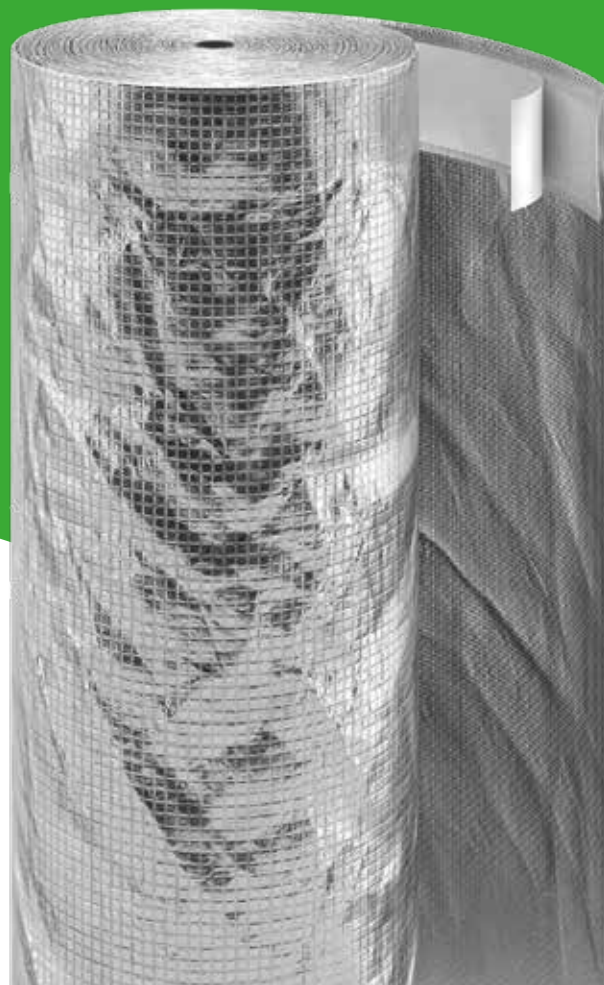
NO FIRE SPREAD
B-s1, d0



HIGHLY BREATHABLE



28 m²
Thickness 6mm
Weight 24 kg
1,12 m x 25 m





REFLEXTHERM

GENERAL CHARACTERISTICS

Material	Micro-perforated aluminium foils, functional film, glass fiber fabric, E glass needle mat and integrated adhesive tape
Thickness	6 mm
Mass per unit area	878 g/m ²

ESSENTIAL CHARACTERISTICS

Water penetration	W1	EN 13111
Reaction to fire	B-s1,d0	EN 13501-1
Thermal resistance with 1 ventilated air gap and 1 non ventilated air gap	1,3 m ² .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	0,077 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)	1 000 N/50 mm	EN 12311-1
Transversal direction (T)	1 000 N/50 mm	EN 12311-1

ELONGATION

Longitudinal direction (L)	4 %	EN 12311-1
Transversal direction (T)	4 %	EN 12311-1

RESISTANCE TO TEARING

Longitudinal direction (L)	220 N	EN 12310-1
Transversal direction (T)	230 N	EN 12310-1

PACKAGING CHARACTERISTICS

Width	1,12 m
Length	25 m
Total m ²	28 m ²
Usable m ²	25 m ²
Weight	24 kg
Packaging	12 rolls/pallet (336 m ²)

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

CE
13859-1
13859-2



WINCO Technologies SAS
Technopôle Saint-Brieuc Armor
5, rue Sophie Germain
22440 PLOUFRAGAN
FRANCE
T. +33 (0)2 96 78 24 22
contact@winco-tech.com
www.winco-tech.com