



REFLECTIVA

Reflectiva ROOF ECO

Anti-condensation foil with aluminised film, 4 layers — 75 m² roll (1.5 × 50 m)

Flexible diffusion membrane for waterproofing, in a four-layer construction: outer micro-perforated aluminised film and three inner layers of microporous polypropylene film. Reflects around 82 % of infrared radiation, with constant emissivity even after artificial ageing.

TECHNICAL CHARACTERISTICS

Composition	4 layers: outer micro-perforated aluminised film + three layers of microporous polypropylene film; two integrated self-adhesive strips along the full length	
Roll dimensions	1.50 m × 50 m — 75 m²; 12 kg	EN 1848-2
Mass per unit area	155 g/m²	EN 1849-2
Emissivity (before / after ageing)	0.18 / 0.18	prEN 15976
Water vapour diffusion resistance, Sd	0.07 m (±0.02)	EN 12572
Water penetration resistance	Class W1, including after artificial ageing	EN 1928 / EN 13859-1 Annex C
Tensile strength (MD / CMD)	330 / 230 N/50 mm; after ageing 280 / 195	EN 12311-1
Elongation (MD / CMD)	40 % / 20 %; after ageing 30 % / 10 %	EN 12311-1
Tear resistance	130 / 140 N	EN 12310-1
Dimensional stability	< 2 %	EN 1107-2
Low-temperature flexibility	−20 °C	EN 1109
Service temperature range	−40 ... +80 °C	
Reaction to fire	Class E	SR EN 13501-1 / EN ISO 11925-2
Estimated service life	30 years	

FIELDS OF USE

Pitched roofs, ventilated facades, applications under roof coverings (tiles, sheet metal). Compatible with discontinuous roof coverings under EN 13859-1.

PACKAGING AND STORAGE

Rolls stored horizontally, on a clean, flat surface, protected from sunlight.

INSTALLATION

Fixed horizontally over sheathing, thermal insulation or rafters, with overlaps of at least 150 mm, depending on slope. The adhesive strip on the interior side — always facing down; the one on the aluminised film — always facing up. Ventilation is provided above the membrane, via counter-battens and battens; no ventilation space is provided below the membrane. Direct exposure: maximum 90 days before the roof covering is installed.

S.C. ISOFLECT INSULATION S.R.L.

CIF RO30340616 · Reg. com. J2012000359286

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The declared values come from the Isoflect Insulation product documentation and the related test reports. They refer to the product, not to the assembly in which it is installed; system performance is established through a hygrothermal calculation for each individual case. The manufacturer reserves the right to change specifications without prior notice — always check the revision in force. Revision 4 · 13.09.2026