



REFLECTIVA

Reflectiva® GOLD

Reflective thermal insulation membrane with pure aluminium on both faces — 12 m² roll

Reflective thermal insulation membrane with two pure-aluminium faces and a core of air-bubble film and expanded polyethylene. It is the layer that stops heat transfer by radiation in System 10 assemblies, installed on the interior side over the bulk insulation and sealed airtight with Isofect Power Tape.

TECHNICAL CHARACTERISTICS

Composition	Two pure-aluminium faces; core of air-bubble film and expanded polyethylene	
Total thickness	10 mm (±1)	EN 823
Mass per unit area	460 g/m²	EN 1850-2
Roll dimensions	1.20 m width × 10 m — 12 m²	EN 1848-2
Roll weight	5.52 kg	
Thermal radiation reflectivity	95-97 %	
Emissivity	0.05	prEN 15976
Water vapour diffusion resistance, Sd	190 m	EN 13859-1
Thermal resistance of the membrane, R	0.276 m²K/W	
Equivalent thermal conductivity	0.04707 W/(m·K)	
Tensile strength (long. / transv.)	261 / 205 N/50 mm	EN 12311-1
Elongation at break (long. / transv.)	21.6 % / 17.1 %	EN 12311-1
Tear resistance (long. / transv.)	154 / 199 N	EN 12310-1
Water penetration resistance	Class W1	EN 1928 / EN 13859-1
Reaction to fire	Class F	SR EN 13501-1+A1:2010
Volatile organic compounds (VOC)	None	

FIELDS OF USE

Attics, roofs, interior walls and ceilings, lofts, industrial halls and agricultural buildings.

PACKAGING AND STORAGE

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

INSTALLATION

Installed under rafters, from the interior, over the bulk insulation, with the aluminium facing outward. Joints and overlaps are sealed airtight with Isofect Power Tape, to ensure continuity of the radiant barrier and the vapour barrier.

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

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Warehouse and deliveries

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The declared values come from the Isofect 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