

OVER-FOIL Multistrato 27

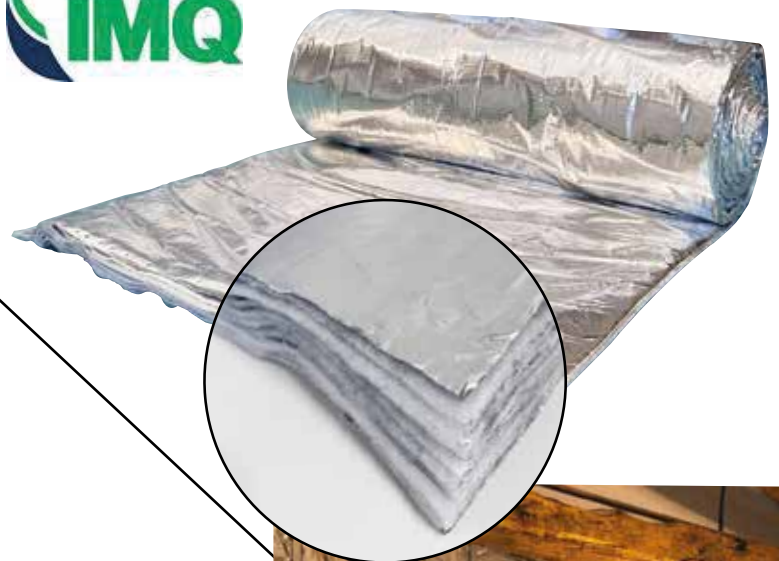
Over-foil Multistrato 27 is the eco-sustainable and certified **pure aluminum** reflective thermal insulation. Tested in accordance with the new reference standard **UNI EN 22097**, it is the ideal insulation for **reducing thickness in renovations and new constructions** in combination with dry systems. **Over-foil Multistrato 27** is composed of **27 layers**, with the outer faces made of **protected pure aluminum**.

+ eco-sustainable

Over-foil Multistrato 27 is produced with particular attention to sustainability. Being made of recyclable materials and containing a high percentage of recycled material, it reduces environmental impact. Thanks to the compact volume of Over-foil rolls, **transportation is reduced by over six times** compared to rigid panel insulation with equivalent performance.

+ made in Italy

Over-foil Multistrato 27 is produced at the new Over-all headquarters in Arese (MI), and the raw materials used for its manufacture come from companies in Northern Italy.



BENEFITS



EXCELLENT THERMAL INSULATION

Efficient in both summer and winter, with vapor barrier functionality.



ACOUSTIC INSULATION

Airborne sound insulation.



LOW ENVIRONMENTAL IMPACT

Production is almost locally sourced, with a high percentage of recycled material.



REDUCED VOLUMES

Reduced transportation bulk and optimized storage space.



QUICK AND EASY INSTALLATION

Clean, easy to work with, rot-proof, and lightweight



REDUCED THICKNESS

Increased walkable surface area



Technical specifications

Number of layers	27
Roll height	150 cm (usable 147 cm)*
Roll length	6,67 (usable 6,80 m) m*
Roll area	10 m ²
Roll diameter	approx. 50 cm
Weight	1,4 kg/m ²
Roll weight	approx. 14 Kg
Nominal material thickness	90 mm
Thermal resistance of the material "Core" (UNI EN 22097 - 12667)	2,78 m ² K/W
Emissivity of external faces after aging (UNI EN 22097)	0,05
Thermal resistance in walls:	
- single layer in single air cavity	3,44 m ² K/W
- single layer in double air cavity	4,11 m ² K/W
- double layer in single air cavity	6,22 m ² K/W
Thermal resistance in roofing:	
- single layer in single air cavity	3,23 m ² K/W
- single layer in double air cavity	3,69 m ² K/W
- double layer in single air cavity	6,01 m ² K/W
Thermal resistance in cold-side false ceiling (e.g., on pilotis (piers) floor, cellars, etc.):	
- single layer in single air cavity	3,70 m ² K/W
- single layer in double air cavity	4,62 m ² K/W
- double layer in single air cavity	6,48 m ² K/W
Soundproofing power of the product alone (UNI EN ISO 10140-1/2: 2021 and 717-1: 2020)	Rw 11 dB
Vapor diffusion coefficient "μ"	90.000
Fire reaction class	under certification

* tolerance ±2%

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In order to enter both Over-foil Multistrato 27 and the air cavities in contact with the Over-foil low emissivity foil correctly into the calculation software, please request the technical data by sending an email to info@over-all.com.