

# OVER-FOIL Multistrato 11

**Over-foil Multistrato 11** is the environmentally sustainable and certified **pure aluminium** reflective insulation. Tested in accordance with the new reference standard **UNI EN 22097**, it is the ideal insulation for **reducing thicknesses in renovations and new buildings** in combination with drywall systems. **Over-foil Multistrato 11** consists of **11 layers** with the 2 outer faces of **pure aluminium** protected and reinforced with net.

## + eco-friendly

**Over-foil Multistrato 11** is produced with a focus on sustainability. Being made of materials suitable for recycling and manufactured with a high percentage of recycled material reduces environmental impact. Due to the small volume of Over-foil rolls, **transport is also reduced by more than 6 times** compared to a rigid panel insulation with equivalent performances.

## + made in Italy

**Over-foil Multistrato 11** is produced in the new Over-all factory in Arese (Mi) and the raw materials used for its manufacture come from companies in northern Italy.



## ADVANTAGES



### EXCELLENT THERMAL INSULATION

Efficient in both summer and winter and with vapour barrier function.



### LOW ENVIRONMENTAL IMPACT

Almost km 0 production and high percentage of recycled material



### REDUCED VOLUMES

Reduced transport volumes and optimised storage space.



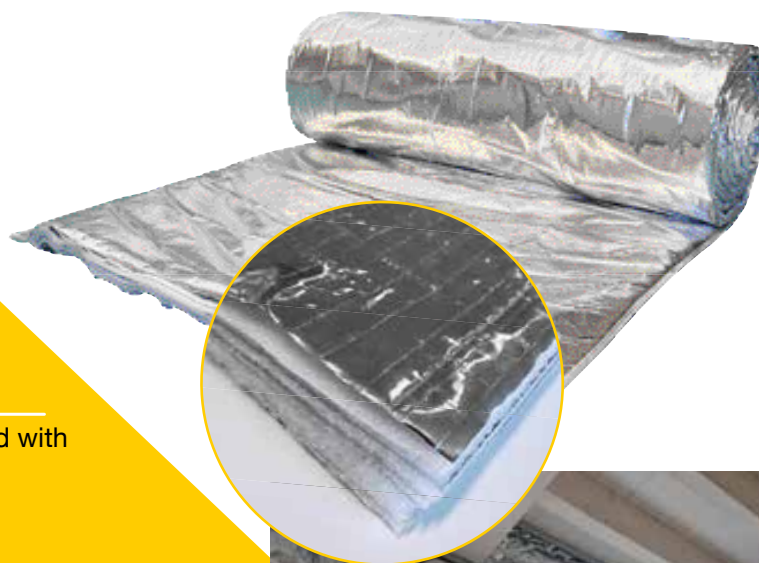
### QUICK AND EASY INSTALLATION

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



### REDUCED THICKNESSES

Larger walkable area



# Technical Specifications

Number of layers	11
Roll height	150 cm*
Roll length	10 m*
Roll length	15 m²
Roll diameter	approx. 45 cm
Weight	660 g/m²
Roll weight	approx. 10 Kg
Nominal material thickness	34 mm
Thermal resistance of "Core" material only (UNI EN 22097 - 12667)	1,06 m²K/W
Emissivity of external faces after ageing (UNI EN 22097)	0,05
Thermal resistance in wall:	
- single layer in single cavity	1,72 m²K/W
- single layer in double cavity	2,39 m²K/W
- double layer in single cavity	2,78 m²K/W
- double layer in double cavity	3,45 m²K/W
Thermal resistance in roofing:	
- single layer in single cavity	1,51 m²K/W
- single layer in double cavity	1,97 m²K/W
- double layer in single cavity	2,58 m²K/W
- double layer in double cavity	3,03 m²K/W
Thermal resistance in false ceiling on the cold side (e.g. on pilotis (piers) floor, cellars, etc.):	
- single layer in single cavity	1,98 m²K/W
- single layer in double cavity	2,90 m²K/W
- double layer in single cavity	3,04 m²K/W
- double layer in double cavity	3,96 m²K/W
Vapour diffusion coefficient "μ"	90.000
Fire reaction class	under certification
* tolerance ±2%	

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In order to enter both Over-foil Multistrato 11 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](mailto:info@over-all.com).

## SPECIFICATION ITEM

Reflective insulation material consisting of a total of 11 layers **Over-all Over-foil Multistrato 11**. The material has the 2 outer faces of pure aluminium protected and reinforced with net; the 9 inner layers are additional reflective films, layers of wadding and PE foam film. The material is stitched at the edges and has a layer sealing system with plastic threads that prevents over-opening during cutting, thus ensuring uniform thickness and a consequent reduction in thermal bridges. The material has a nominal thickness of 34 mm and has the following technical characteristics certified in accordance with the new UNI EN 22097 standard: **Thermal resistance** of the 'Core' material alone equal to **1.06 m²K/W**, emissivity of the outer faces equal to **0.05** and vapour diffusion coefficient **μ** equal to **90,000**.