

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.



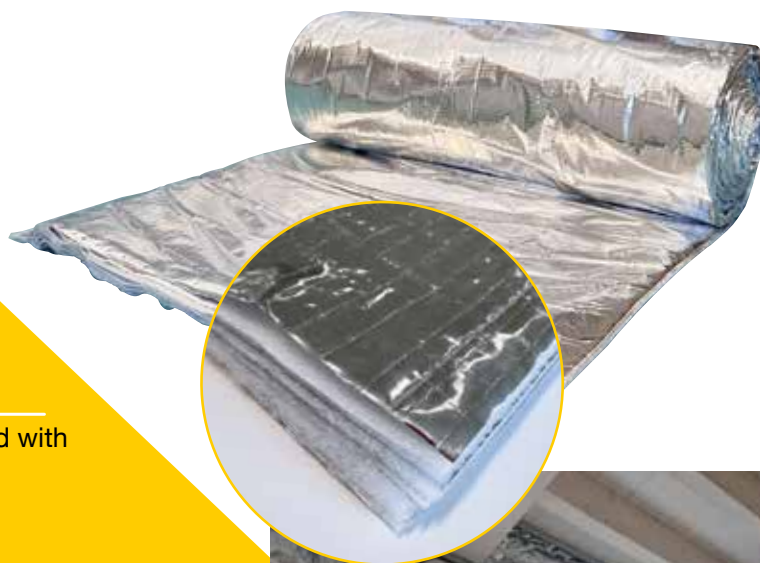
QUICK AND EASY INSTALLATION

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 of ex-law 10 by sending an email to 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**.