POLYREFLEX®

SILVER

TECHNICAL DATA SHEET



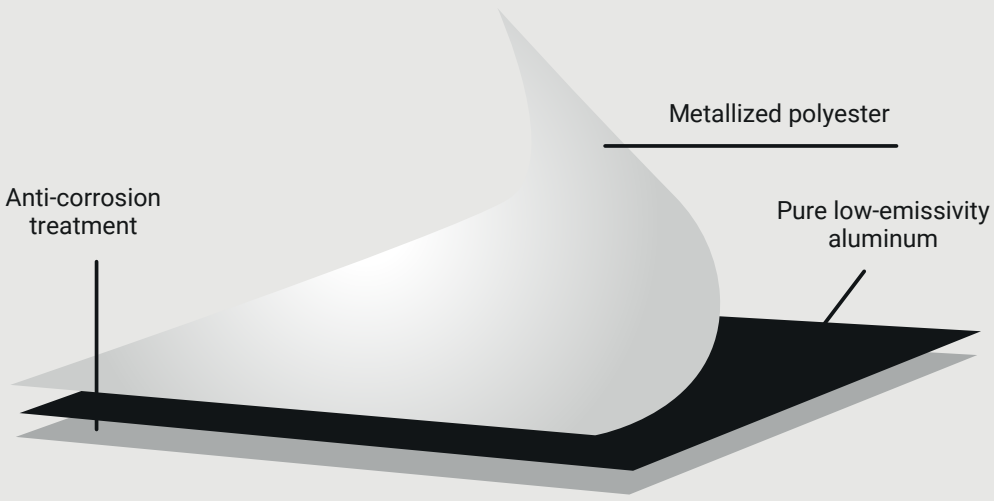
Dimensions:
120m² (1,20x100m)

Weight: 159 g/m²

Thickness
130
microns

THERMAL RESISTANCE (R)

Roofs:	Walls and facades:	Also applicable for
R = 2,28 m².K/W	**R = 1,32 m².K/W**	**ceilings and roofs**
2 air chambers of 4 cm	2 air chambers of 2 cm	



TECHNICAL DATA

CoreThermal Resistance:0.00m²K/W
Aluminum purity: 99%
Aluminum emissivity: 0.05
Aluminized PET MET emissivity: 0.12
Waterproof and water vapor barrier
Radon gas barrier
Anti-corrosion treatment
Dimensional stability (Δ%): Width 0 / Length -0.1 / Thickness 5

It is important to always install the product within air cavities to ensure its performance characteristics. It is recommended to seal joints and connections using sealing tape (Polyfix or Alufix). We assume no responsibility if expected results are not achieved due to incorrect or unsuitable installation.

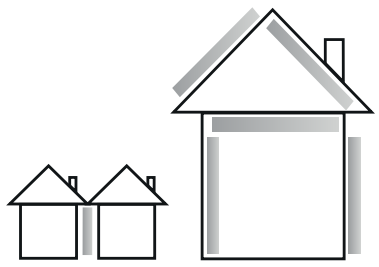
COMPOSITION

Reflective thermal insulation, composed of an external layer of lacquered pure aluminum and a metallized polyester film with a thickness of 12 µm.

APPLICATIONS

Walls and facades **(vertical installation indoors or outdoors)**.
Roofs and ceilings **(horizontal and/or inclined installation indoors or outdoors)**. Suitable for any type of construction, whether new construction or renovation. It is recommended to use air chambers on both sides of the insulation.

Traditional construction, Steel Frame systems, wooden houses, modular or industrialized construction.



SOME OF ITS ADVANTAGES

- Reduces heat transfer through radiation.
- Longitudinally welded product to ensure airtightness of air chambers, prevent dust and dirt from entering the fibers, and inhibit the growth of moisture.
- Protected exterior aluminum to ensure low emissivity throughout its lifetime and maintain the insulation performance continuously.
- Easy and quick to install and use.

DIMENSIONS

Width:	Length:	Thickness:	Weight:
1.20 m	100 m	130 microns	159 g/m2

Optimer System
Plata Street # 47, 28890 Loeches (Madrid). Spain Tel: (+34) 918 880 738
Phone and WhatsApp: (+34) 663 668 071 | Mail: comercial@optimersystem.com | **www.optimersystem.com**