TECHNICAL DATA SHEET

POLYREFLEX® RF2

COMPOSITION

Multilayer reflective thermal insulation
Consisting of 2 external sheets of 100% aluminum and 1 layer of polyethylene air bubbles.
(This product can be supplied with a self-adhesive strip)

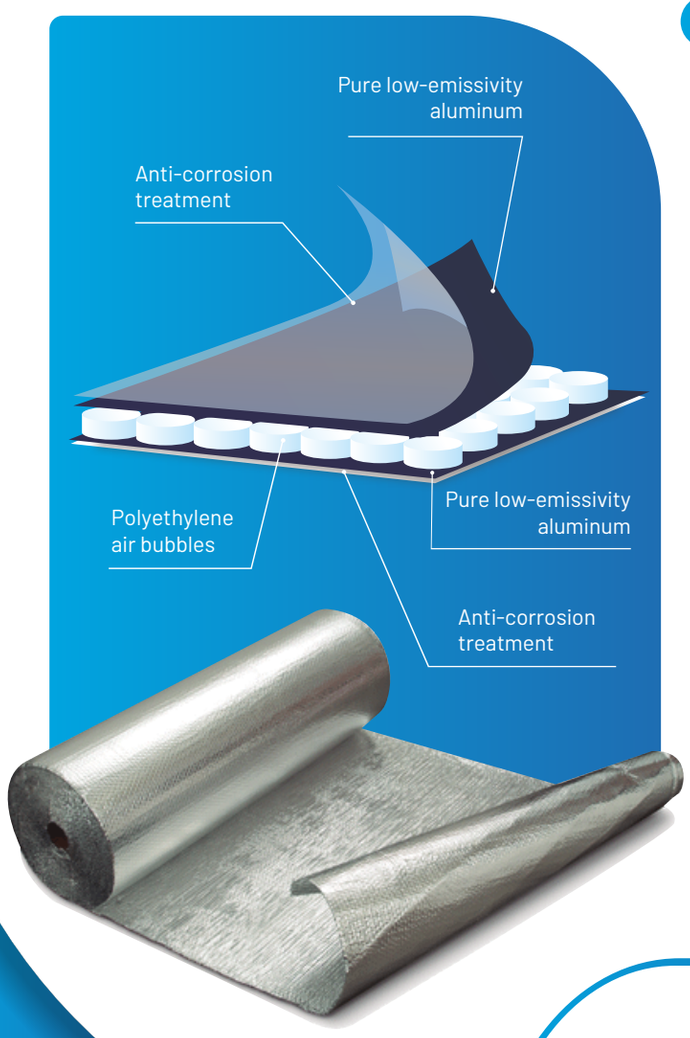
DIMENSIONS

Width	Length	m^2/roll	Thickness	Weight/m^2
1,20 m	**15/35 m**	**18/42 m^2**	**3-4 mm**	**252 gr/m^2**

THERMAL RESISTANCE (R-VALUE)

WALL With horizontal heat flow With 2 air cavities of 2 cm each	**ROOF / COVERING** With downward heat flow (summer) With 2 air cavities of 3 cm each
R = 1,43 m^2 C / W	**R = 1,95 m^2 C / W**

LAYER DETAILS



OTHER CHARACTERISTICS

Emissivity: 0.05 (ETA/ETE 13-0525) (UNE-EN 16863:2024)
Reflectivity: 95% (UNE-EN ISO 22097:2023)
Core Thermal Resistance: 0.11 (ETA/ETE 13-0525) (UNE-EN 16863:2024)
Roof Thermal Resistance: 1.95 (with two 3 cm air cavities) (UNE-EN ISO 6946:2021)
False Ceiling Thermal Resistance: 1.03 (with one 3 cm air cavity) (UNE-EN ISO 6946:2021)
Wall Thermal Resistance: 1.43 (with two 2 cm air cavities) (UNE-EN ISO 6946:2021)
Aluminum Purity: 99%
Corrosion resistant
Includes Radon Barrier
Water vapor diffusion resistant (ETA/ETE 13-0525) (UNE-EN ISO 22097:2023)
Fire classification: Clase B-s1, d0 (within a system)
Euroclass F (EN 13501-1:2002) (Exposed)
Estimated useful life: 25 years

Optimer System
Calle Plata 47, 28890 Loeches (Madrid). España Tel: (+34) 918 880 738
Movil y Whatsapp: (+34) 663 668 071 | Email: comercial@optimersystem.com | **www.optimersystem.com**