



**SPACEREFLEX®**  
FÁBRICA DE ISOLAMENTO TERMO-ACÚSTICO  
FACTORY OF THERMO-ACOUSTIC INSULATION

SOMOS FABRICANTES  
WE ARE MANUFACTURERS  
NOUS SOMMES FABRICANTS

## TECHNICAL SPECIFICATIONS



### Technical Data

• Thickness	8 mm
• Diameter (Bubble)	25 mm
• Weight	280 (Gr. /M2)
• Thermal Conductivity	0,050 (W/m.K)
• Reflection Coefficient	95 a 97%
• Emissivity	3 a 5%
• Compressive Strength ( 50% Deformation)	1,90 ± 0,52 (N/mm <sup>2</sup> )
• Tearing Resistance	162,10 ± 30,38 (N/mm)
• Fire Classification (Aluminum Sheet)	M1
• Fire Classification (Composed Product)	Euroclasse E
• Thermal Resistance (R)	1,66 (M <sup>2</sup> k/w)
• Resistance to Water Vapor	6 ≤ 0,019x10 <sup>-3</sup> (mg / h.m.Pa)
• Temperature Range	-40º a 80º (ºC)

### Applications

- Construction / Rehabilitation of buildings;
- Modular Construction – Wood, LSF (Light Steel Framing);
- Air-conditioning / ventilation (HVAC ducts) ;
- Packaging (Thermal Boxes, Containers);
- Strengthening the existing insulation;
- Additional waterproofing;

Brick Wall



Warehouse Wall



Cardboard Wall



HVAC Ducts



### SECTOR:

- ✓ Residencial
- ✓ Commercial
- ✓ Industry

Increase energy savings

Use SPACE REFLEX insulation!

### Thermal Insulation

Ref.	Length x Width	Area	Ø
<b>SR42</b>	32m x 1,25m	40m2	± 55 cm
<b>SR42R10</b>	8m x 1,25m	10m2	± 30 cm

## COMPOSITION

The product acts as an air chamber.

This product blocks the transfer temperature due to its low emissivity.

Formed by a layer of thermal sealed air bubbles with 25 mm diameter, acting as a vapor barrier and moisture impermeable, laminated on both faces with a high quality aluminum film with low R value, treated against oxidation and break, which provides you more insulation by reflection.

### Benefits:

- Quick and easy to install;
- Easy to handle;
- Lightweight and flexible;
- Does not require special tools, equipment or any kind of special clothing;
- Do not harmful to human health;
- Reduced thickness.
- Radon gas barrier;
- It does not promote the creation of insects or rodents;
- Waterproof.



#### FÁBRICA / FACTORY

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