



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

SOMOS FABRICANTES
WE ARE MANUFACTURERS
NOUS SOMMES FABRICANTS

TECHNICAL SPECIFICATIONS



SECTOR:

- ✓ Residential
- ✓ Commercial
- ✓ Industry

Increase energy savings

Use SPACE REFLEX insulation!

Acoustic Insulation

Ref.	Length x Width	Area	Ø
SRACUSTIC 05	30m x 1,0m	30m ²	± 50 cm
SRACUSTIC 10	12,5m x 1,0m	12,5m ²	± 50 cm
SRACUSTIC 20	12,5m x 1,0m	12,5m ²	± 55 cm

COMPOSITION

Felt sound absorbing composed of cotton fibers, polyester fibers and thermosetting resin. 100 % Recyclable.

Technical Data

	SRACUSTIC 05		SRACUSTIC 10		SRACUSTIC 20	
• Thickness	5 mm		10 mm		20 mm	
• Density	700 g/ M ²		1.100 g/ M ²		1.800 M ²	
• Dynamic Stiffness	38 MN/m ³		17 MN/m ³		11 MN/m ³	
• Thermal Conductivity	0,0388 W/(m°C)		0,0366 W/(m°C)		0,0374 W/(m°C)	
• Thermal Resistance	0,92 m ² C°/W		0,76 m ² C°/W		0,89 m ² C°/W	
• Tensile Strength and Temperature Cycle Elongation	Before cycle	After cycle	Before cycle	After cycle	Before cycle	After cycle
• Transverse (N / 50 mm) *	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature
• Longitudinal (N / 50 mm) *	145 (N/50 mm)	178 (N/50 mm)	192 (N/50 mm)	137 (N/50 mm)	394 (N/50 mm)	371 (N/50 mm)
• Sound Isolation to air driving sounds - Floor	96 (N/50 mm)	77 (N/50 mm)	100 (N/50 mm)	60 (N/50 mm)	170 (N/50 mm)	179 (N/50 mm)
• Reduction of the ΔLw precursor sound transmission of floor coverings	56 dB		57 dB		57 dB	
• Sound insulation to aerial driving sounds - Lightweight partition wall	21 dB		25 dB		32 dB	
• Sound insulation to aerial driving sounds - Reinforcement of insulation	---		43 dB		43 dB	
• Sound insulation to aerial driving sounds - Double masonry wall	---		---		62 dB	
• Temperature Range	50 dB		51 dB		---	
	-25° a 80° (°C)		-25° a 80° (°C)		-25° a 80° (°C)	

* At the visual level and odor release, no changes were observed after temperature cycling test.

Applications

- Construction / Rehabilitation of buildings;
- Modular Construction – Wood, LSF (Light Steel Framing);
- Ceramic Floor;
- Floating Wood Floor;
- Hardwood Floor;
- Walls Insulation;
- Acoustic Bridge Insulation;



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