ΑΙΤ **ACOUSTIC MATERIALS** BUILDING for the **BUILDING SECTOR**

DEVELOPMENT & MANUFACTURE













AIT BUILDING Is a brand of

ACOUSTIC & TECHNIQUES

www.acousticsit.es

AITGROUP





WHAT DO WE DO?

AIT BUILDING develops and manufactures materials and Laminates for acoustic control. When incorporated into construction systems or placed on surfaces, they provide considerably better noise control.





ADVANTAGES OF OUR MATERIALS

EASY HANDLING

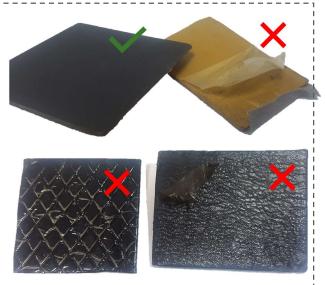
LAMIX (AIT)

OTHERS



Our core materials are 100% recyclable:

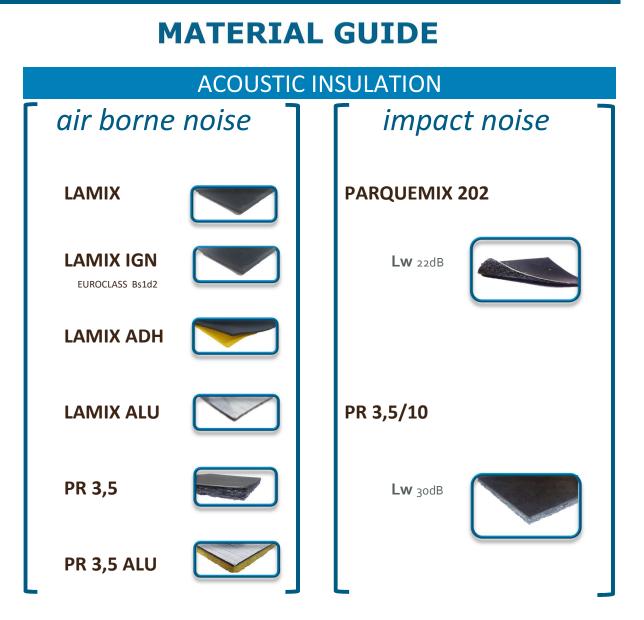




Our materials undergo strict quality controls and are made without asphalt, requiring no protective covering as there is no oil migration, odour or shrinkage.

External coverings restrict elastic properties

COMPARISON BETWEEN ACOUSTIC SHEETS						
BITUMEN Versus SYNTHETIC						
	BITUMEN		SYNTHETIC			
РНОТО	With film		Without film			
RAW MATERIAL						
	Asphalt	Crue oil	Polymers	Mineral Fillers		
SECTOR FOR WHICH IT WAS CREATED	•••	<u></u>	чЩнос			
	Waterproofing	External covers	Acoustics Industry	Automotive Industry		
ADHESIVE VERSION						
	Bitumen Adhesive		Transfer Adhesive			
DURABILITY						
	Degrades over time		Long life			
Į,	×					
	Can produce hydrocarbon-like odour		Very low oudor emission			
- <u>×</u> - ×		\checkmark				
	Becomes sticky, oil migration		Non-sticky, no migration			
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	Hardens, can crack		Does not crack			



ACOUSTIC ABSORPTION



ACOUSTIC INSULATION

LAMIX

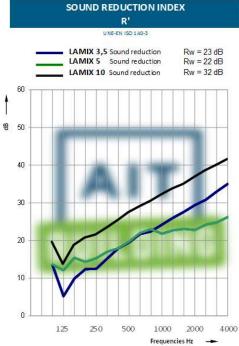
High-density synthetic membrane that increases acoustic attenuation levels on thin surfaces.

Suitable between plasterboards, metal sheet, wood panels and dsiconnection parts to minimize structural noise transmission.

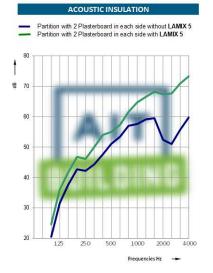


CHARACTERISTICS				
Reference	Weight	Thickness		
LAMIX 3,5	3.5 Kg/m²	1.85 mm		
LAMIX 5	5.0 Kg/m²	2.60 mm		
LAMIX 10	10 Kg/m²	5.00 mm		

CODE	REFERENCE	SIZE	PALLET
PA01563	LAMIX 3,5	Rolls 5000 x 1000 mm	70 rolls (350 m ²)
PA07412	LAMIX 3,5 ADH	Sheets 1000 x 1400 mm	200 sheets (280 m ²)
PA07773	LAMIX 3,5 IGN	Sheets 1000 x 1200 mm	200 sheets (240 m ²)
PA07559	LAMIX 3,5 ALU	Jumbo-rll 100mlx1450 mm	1 jumbo rll (145 m^2)
PA00008	LAMIX 5	Rolls 5000 x 1000 mm	50 rolls (250 m ²)
PA07410	LAMIX 5	Sheets 1000 x 1000 mm	100 sheets (100 m ²)
PA07409	LAMIX 5 ADH	Sheets 1000 x 1400 mm	140 sheets (196 m ²)
PA07774	LAMIX 5 IGN	Sheets 1000 x 1200 mm	150 sheets (180 m ²)
PA04568	LAMIX 5 ALU	Jumbo-rll 250ml x1000 mm	1 jumbo-rll (250 m ²)
PA07413	LAMIX 10	Sheets 1000 x 1400 mm	70 sheets (98 m ²)
PA07414	LAMIX 10 ADH	Sheets 1000 x 1400 mm	70 sheets (98 m ²)
PA07775	LAMIX 10 IGN	Sheets 1000 x 1200 mm	75 sheets (90 m ²)

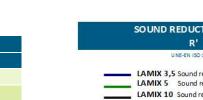












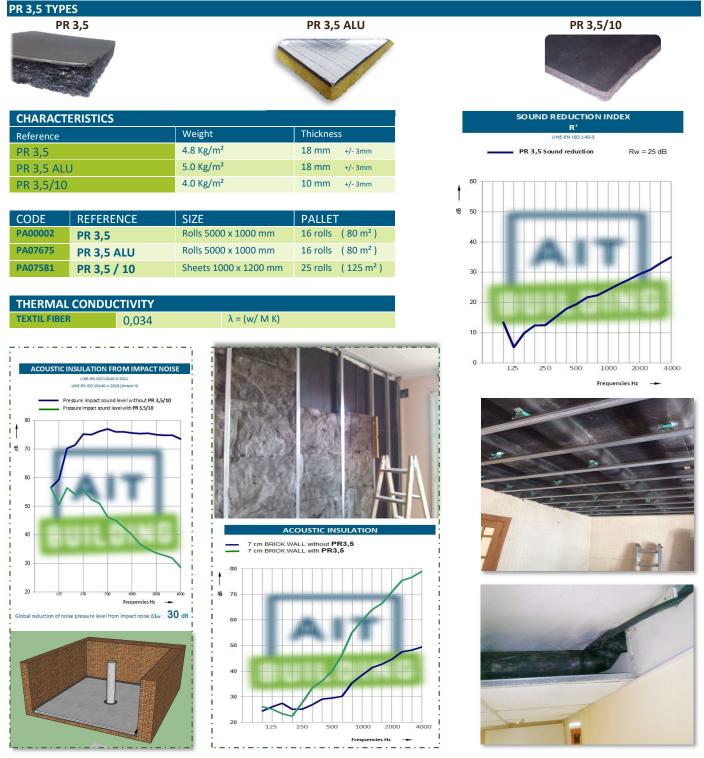
ACOUSTIC INSULATION

PR 3,5

High-density synthetic membrane laminated with 18-mm thick textile fiber agglomerated with thermosseting resin.

For covering pipes, brick walls, ceiling slabs and reducing impact noise..





ACOUSTIC INSULATION

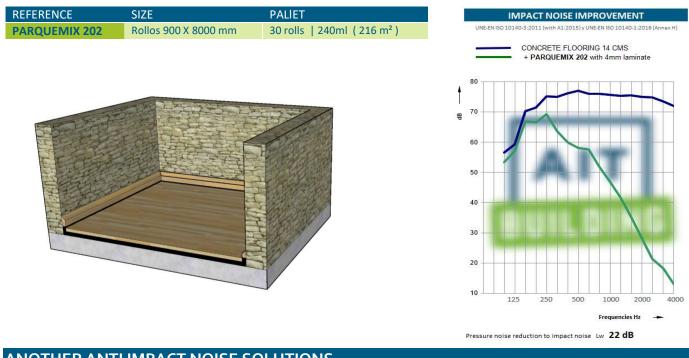
PARQUEMIX 202

2 Kg/m² high-density membrane laminated with non-woven agglomerate (2mm)

For impact noise reduction under Laminates.

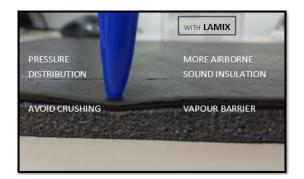
Suitable in homes for furniture and footstep noise and falling light objects.





ANOTHER ANTI IMPACT NOISE SOLUTIONS





SPECIAL ACOUSTIC PRODUCTS UNDER REQUIREMENTS



ACOUSTIC ABSORPTION

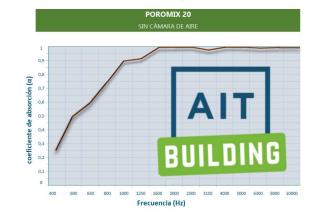
POROMIX

Cotton fibres agglomerated with thermosetting resin.

For termal insulation, acosutic absorption and soundproofing against impact noise.

AIRMIX

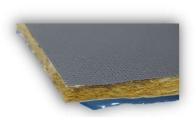




ACOUSTIC ABSORPTION – wall covering inside rooms

ECOMIX REVERB

Acoustic absorber composed of cotton agglomerated with thermosetting resin, aesthetic fabric finish and adhesive underside for easy laying.



Placed directly on the wall for reducing reverberation inside rooms and spaces with high human voice levels. Shops, meeting rooms, offices, restaurants, call centers, indoor fun Parks, hotels, schools, etc.





