

NATURAL FINISHING NATURAL ACOUSTIC CONTROL

- 100% natural materials
- Fire Class: **B-s2, d0 - E1**
- 100% recycled and recyclable
- Unlimited durability, no loss of features
- Noise reduction coefficient **(NRC): 0,78**
- Low energy consumption during the manufacturing process
- Excellent dimensional stability (even when subject to high thermal variations)



ECO iso®

ABL®

JOCAVI®

absorbent layer



ECOiso[®] ABL[®] absorbent layer

NATURE AND TECHNOLOGY TOGETHER FOR AN IDEAL SOLUTION

The ECOiso[®] ABL[®] absorbent layer, is a construction finishing material with acoustic absorbing properties. Following an ecological philosophy, JOCAVI[®] has developed this line of acoustic treatment materials, which are made exclusively from natural raw-materials, like recycled wood fibres and coconut fibres.

This line of products provides a practical and efficient solution for acoustic treatment. It is composed of coconut fibre (as an

energy absorbent material), and perforated panels made of coloured pressed wood fibre or natural wood finishing colours that gives it an attractive good looking finishing. This compound, made of strictly 100% natural ecological materials, has an excellent technical performance.

The ECOiso[®] ABL[®] is ideal to install in auditoriums, conference rooms, business spaces, restaurants and bars, etc.. The coconut fibre is a natural, renewable and very light vegetal material. It has high porosity (95% of pores), which translates into an extremely high absorption of sound energy. The good behaviour of the recycled wood fibres, associated with the coconut fibre's micro-porous absorbent properties, makes a natural first-class combination in terms of acoustic solutions.

The acoustic behaviour of the ECOiso[®] ABL[®] (coconut + wood) delivers a natural combination, and ensures solutions with superb acoustic performances to reduce airborne levels, as well as an excellent aesthetical and decorative integration.

COMPOSITION:

The ECOiso[®] ABL[®] is composed of two materials (coconut fibres and recycled wood fibres) forming the Acoustic Absorber element, that gives us the final decorative finishing.

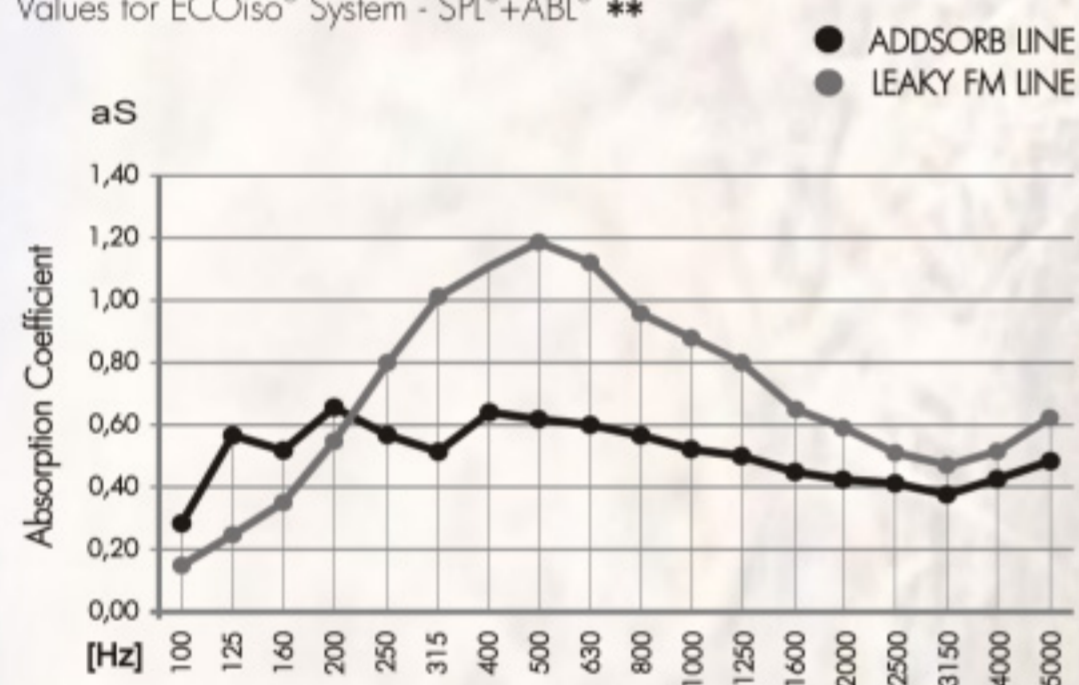
MOUNTING:

Apply a thread of glue and, lastly, mount the acoustic absorption panels ECOiso[®] ABL[®] that provide the finishing.

Remark: the plates may be cut with a saw to be adjusted to the limits of walls or ceilings.

ABSORPTION COEFFICIENT

Values for ECOiso[®] System - SPL[®]+ABL[®] **

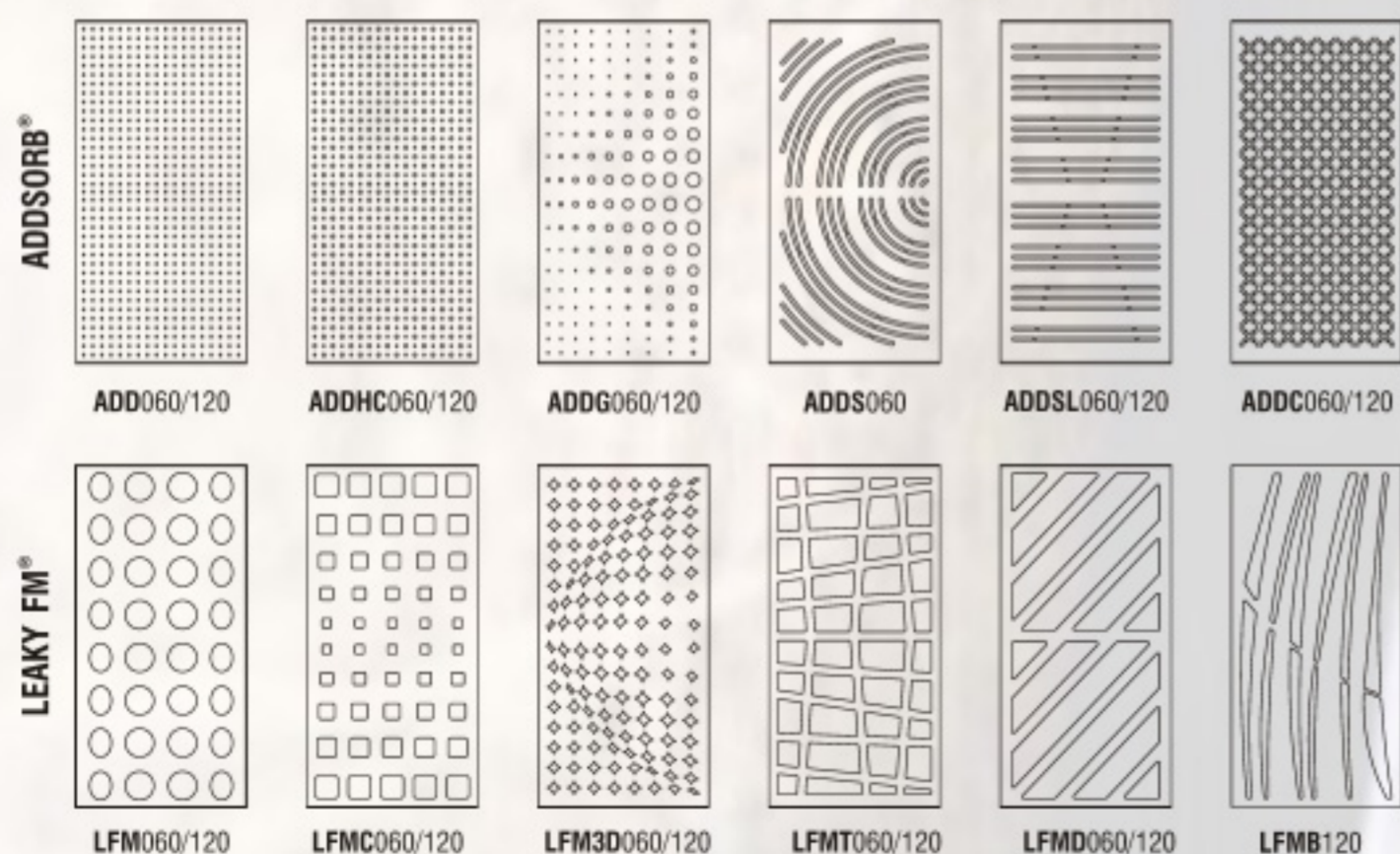


ABSORPTION COEFFICIENT: Values in accordance with the standards, EN 20654, ASTM C423 and EN 11654.

ABSORPTION COEFFICIENTS OF ALL MODELS (NRC**) AND FINISHING PANELS PERFORATIONS (%/m²)

ADDSORB [®] REFERENCE AND SIZES AVAILABLE	PERFORATIONS (%/m ²)	NRC **	LEAKY FM [®] REFERENCE AND SIZES AVAILABLE	PERFORATIONS (%/m ²)	NRC **
ADD 060/120	6,30%	0,53	LFM 060/120	43,09%	0,82
ADDHC 060/120	10,22%	0,63	LFMC 060/120	32,45%	0,77
ADDG 060/120	9,26%	0,59	LFM3D 060/120	18,40%	0,72
ADDS 060/120	24,61%	0,74	LFMT 060/120	72,57%	0,90
ADDSL 060/120	25,54%	0,74	LFMD 060/120	71,26%	0,90
ADDC 060/120	28,78%	0,76	LFMB 120	38,35%	0,80

MODELS AND STANDARD PERFORATIONS



STANDARD WOOD VENEER FINISHINGS AND COLOURED WOOD FIBRE COLOURS



MANUFACTURER



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