



ECOiso® ABL
ABSORBENT LAYER



Image of 120x60cm model Ref.:ECOABLw (on the left) and Ref.:ECOABLw applied (ambient image) LFMT120 perforation on both images.

DESCRIPTION

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.

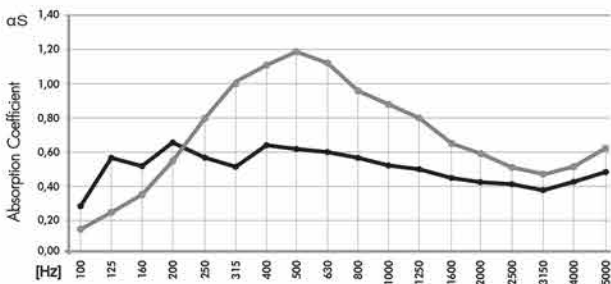
The acoustic behaviour of the ECOiso®ABL® (coconut + wood) delivers a natural combination, and ensures solutions with superb acoustic performances to reduce airborne levels, as well as an excellent aesthetic and decorative integration.

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.

FEATURES

- 100% natural materials.
- 100% recycled and recyclable.
- Noise reduction coefficient (NRC): **0.78/m²**
- Fire-resistance: Wood Veneer Faced (or Engineered Coloured Fibre) Boards - Euroclass B-s2,d0 (similar to old M1), Coconut (Cair Fibre) - Euroclass E (similar to old M4).
- Unlimited durability, no loss of features.
- Excellent dimensional stability (even when subject to high thermal variations).
- Low energy consumption during the manufacturing process.

ABSORPTION COEFFICIENT



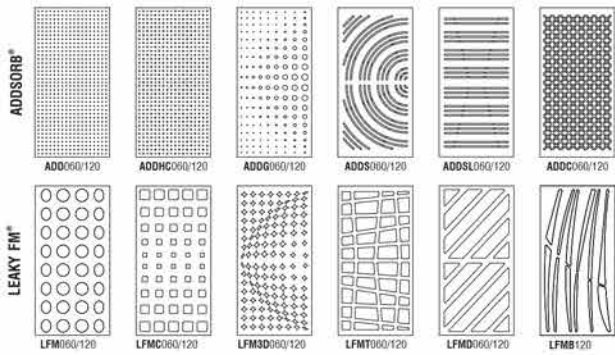
ABSORPTION COEFFICIENT: Values in accordance with the standards, EN 20654, ASTM C423 and EN 11654.

● ADDSORB LINE
● LEAKY FM LINE

ENGINEERED COLOURED WOOD COLOURS



TECHNICAL DRAWINGS



MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
ECOABLc	120 cm (47.2 in)	60 cm (23.6 in)	2.8 cm (2.8 in)	4.1 Kg (9.04 lbs)
ECOABLw	120 cm (47.2 in)	60 cm (23.6 in)	2.8 cm (2.8 in)	4.1 Kg (9.04 lbs)

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
ADDHC 060/120	7,36%	0,63	LFMC 060/120	12,03%	0,77
ADDG 060/120	6,22%	0,59	LFM3D 060/120	13,47%	0,72
ADDS 060/120	17,73%	0,74	LFMT 060/120	52,22%	0,90
ADDSL 060/120	18,39%	0,74	LFMD 060/120	51,31%	0,90
ADDC 060/120	20,72%	0,76	LFMB 060	38,35%	0,80

WOOD VENEER FINISHINGS



IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- The colours shown in this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers' changes and some differences may occur in total range.
- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.