# LEAKY FM®

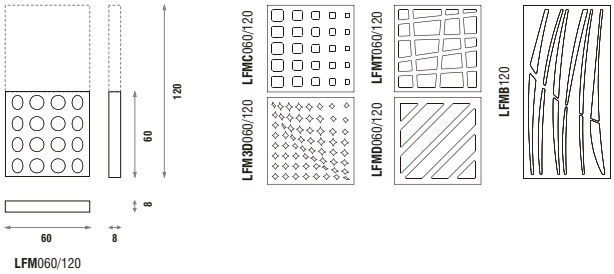
## ABSORBENT PANEL

Image of 60x60cm model **Ref.:LFM060** (on the left) and **Ref.:LFM120** (ambient image).

## DESCRIPTION

JOCAVI® has developed the LeakyFM® as an additional option within the range of its absorption panels. It is mainly meant for radio and television studios, as well as broadcasting and voice-over rooms and auditoriums.
The typical voice-off loudness requires an adequate planning of the room's acoustics in order to provide good sound reception. JOCAVI® has come up with this product which has a good absorption coefficient at 500hz, exactly within the mid-range of the human voice, thus creating a sort of a loudness effect in rooms that radio speakers and professionals much appreciate.
Although it is different in aesthetic terms, the LeakyFM® is attractive and has a pleasant design. This panel provides the customer with six options to project his space.
The LeakyFM® is available in three different aesthetics with equally different acoustic features.
It is built by combining absorbent raw materials made from natural fibres and recycled synthetic fibres.

## TECHNICAL DRAWINGS




## FEATURES

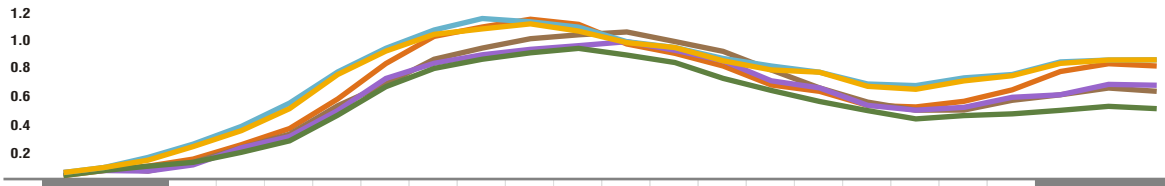
- New perforations and finishing materials.
- Uses 80% of recycled materials.
- NRC : (LFM 0.86/m²), (LFMB 0.82/m²), (LFMC 0.80/m²) (LFM3D 0.74/m²), (LFMT 0.93/m²), (LFMD 0.93/m²).
- 100% recyclable.
- Fire-resistance: M2.
- Package: 2 and 4 units.
- Installation: accessories included.
- Other sizes are available on demand.

## MODELS AND SIZES

| MODELS | HEIGHT | WIDTH | DEPTH | WEIGHT |
|---|---|---|---|---|
| **LFM**060/120 | 60/120 cm | 60 cm | 8 cm | 6.3/12.6 Kg |
| **LFMB**120 | 120 cm | 60 cm | 8 cm | 12.6 Kg |
| **LFMC**060/120 | 60/120 cm | 60 cm | 8 cm | 6.3/12.6 Kg |
| **LFM3D**060/120 | 60/120 cm | 60 cm | 8 cm | 6.3/12.6 Kg |
| **LFMT**060/120 | 60/120 cm | 60 cm | 8 cm | 6.3/12.6 Kg |
| **LFMD**060/120 | 60/120 cm | 60 cm | 8 cm | 6.3/12.6 Kg |

## ABSORPTION COEFFICIENT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| αS | 0.04 | 0.06 | 0.09 | 0.16 | 0.25 | 0.38 | 0.58 | 0.81 | 1.01 | 1.09 | 1.15 | 1.12 | 0.96 | 0.87 | 0.80 | 0.67 | 0.62 | 0.54 | 0.52 | 0.55 | 0.63 | 0.77 | 0.81 | 0.80 | 0.86 |
| αS | 0.05 | 0.06 | 0.07 | 0.15 | 0.23 | 0.34 | 0.52 | 0.67 | 0.85 | 0.94 | 1.00 | 1.01 | 1.04 | 0.99 | 0.90 | 0.77 | 0.64 | 0.55 | 0.48 | 0.48 | 0.55 | 0.59 | 0.64 | 0.62 | 0.82 |
| αS | 0.05 | 0.06 | 0.07 | 0.14 | 0.23 | 0.30 | 0.49 | 0.71 | 0.81 | 0.88 | 0.92 | 0.95 | 0.97 | 0.91 | 0.82 | 0.69 | 0.66 | 0.54 | 0.48 | 0.50 | 0.58 | 0.59 | 0.65 | 0.64 | 0.80 |
| αS | 0.03 | 0.05 | 0.08 | 0.14 | 0.20 | 0.27 | 0.44 | 0.66 | 0.78 | 0.86 | 0.89 | 0.92 | 0.88 | 0.83 | 0.71 | 0.63 | 0.56 | 0.50 | 0.43 | 0.45 | 0.46 | 0.48 | 0.51 | 0.49 | 0.74 |
| αS | 0.04 | 0.08 | 0.15 | 0.26 | 0.38 | 0.55 | 0.74 | 0.92 | 1.06 | 1.16 | 1.13 | 1.08 | 0.97 | 0.93 | 0.84 | 0.79 | 0.75 | 0.69 | 0.68 | 0.71 | 0.75 | 0.83 | 0.84 | 0.84 | 0.93 |
| αS | 0.04 | 0.08 | 0.14 | 0.25 | 0.36 | 0.52 | 0.73 | 0.91 | 1.04 | 1.09 | 1.12 | 1.05 | 0.96 | 0.92 | 0.82 | 0.76 | 0.75 | 0.68 | 0.65 | 0.69 | 0.74 | 0.82 | 0.84 | 0.84 | 0.93 |




| Hz | 50 | 63 | 80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1k | 1.25k | 1.6k | 2k | 2.5k | 3.15k | 4k | 5k | 6.3k | 8k | 10k | NRC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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

Values [<100Hz and > 5K] are Non Standard Values.

## ENGINEERED COLOURED WOOD COLOURS

YELLOW ORANGE RED PURPLE GREEN BLUE BROWN BLACK GREY

## WOOD VENEER FINISHINGS

PINE OAK CHERRY MAHOGANY BLACK-BROWN SUCUPIRA motif

## 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 on 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 tonal 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 20ºC - 27ºC (68ºF - 81ºF), 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.

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