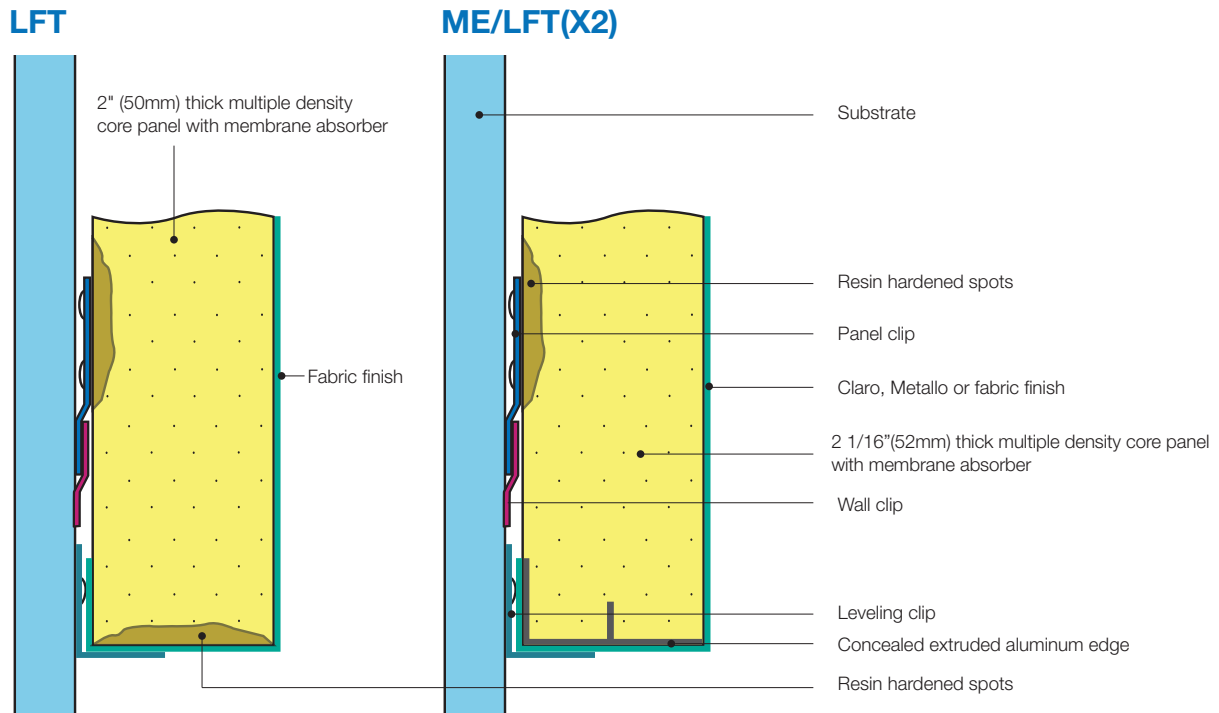


# Low Frequency Tuner (LFT) ME/LFT(X2) Wall and Ceiling Panels

decoustics®



## DESIGN AND SPECIFICATIONS

### Description

Decoustics Low Frequency Tuners (LFT and ME/LFT(X2)) are wall and ceiling panels that consist of a multiple density core manufactured with a membrane type absorber (drumskin).

The installed Low Frequency Tuners provide acousticians with a method of controlling low frequency reverberation. Panels are supplied with factory installed devices for mounting (e.g. slide and engage z-clips, continuous wall or ceiling track etc.).

**LFT:** Available in 2"(50mm) thickness and is finished with fabric

**ME/LFT (X2):** Available in 2-1/16" (52mm) thickness and is finished with fabric, Claro or Metallo.

### Panels

All Decoustics panels are custom fabricated and offered in a variety of geometric shapes and finishes. Low Frequency Tuners are available flat, and with square edges.

### Design Considerations

When using speakers in ceiling or wall panels, it is recommended the speaker grille be visibly mounted at the face of the panel. Speaker function creates air movement and any fabric covering the speaker will experience premature soiling.

### Maintenance

Refer to appropriate Decoustics "Cleaning and Maintenance Instructions" for any specific finish.

### Standards, Tests and Approvals

*Note: Building code requirements may necessitate composite panel testing based on specified finish.*

#### LFT:

Surface Burning Characteristics (ASTM E-84): All panel components have a Flame Spread rating of less than 25. LFT panel has a Class C assembly.

#### ME/LFT(X2):

Surface Burning Characteristics (ASTM E-84): All panel components have a Flame Spread rating of less than 25. ME/LFT(X2) panel has a Class A assembly.

### Mounting Methods

**WALLS:** Mount panels using mechanical fastening only (includes slide and engage z-clips, wall clips and/or track). Consult with fastener manufacturer to determine correct fastener to use for specific substrates, particularly plaster or gypsum board.

*Note: It is not always possible to secure panels or mounting hardware to a substrate support such as a steel stud.*

**CEILING:** Mechanically mount only. Refer to ceilings section for appropriate suspension method.

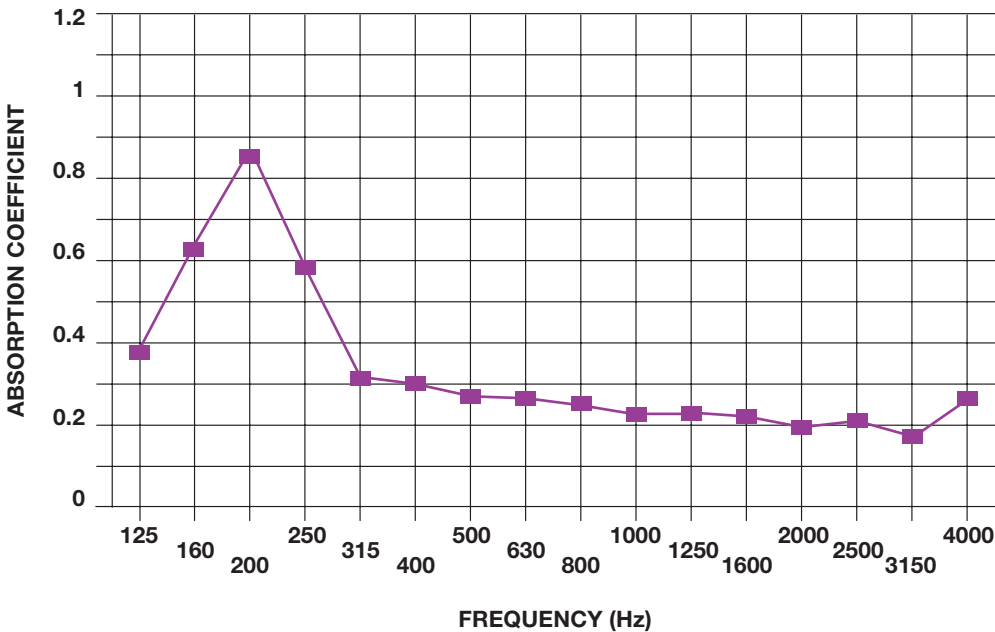
# Decoustics Low Frequency Tuner (LFT) and (ME/LFT(X2)) Wall and Ceiling Panels

## Performance Data

FINISH	EDGE OPTIONS	SIZES	CONSTRUCTION	THICKNESS	NRC	WEIGHT
<b>LFT</b>						
Fabric	<b>Resin:</b> square, edge. <b>Concealed Extruded Aluminum:</b> square edge (butt or defined joint)	Fabric: Up to 48" x 120" (1220mm x 3050mm).  Finish width must be sufficient to cover panel, panel thickness, and wrap minimum 1" (25mm) on back side.	Low Frequency Tuner (LFT) consists of a 6 to 7 pcf (96 to 112 kg/m <sup>3</sup> ) core. Fabric corners are fully tailored (no exposed darting).	2" (50mm)	N/A	Approx. 1.71 psf (8.35 kg/m <sup>2</sup> )
<b>ME/LFT(X2)</b>						
Claro, Metallo or Fabric	<b>Concealed Extruded Aluminum:</b> square edge (defined joint)	Fabric: Up to 48" x 120" (1220mm x 3050mm).  Claro/Metallo: Up to 48" x 72" (1220mm x 1830mm).	Low Frequency Tuner (ME/LFT(X2)) consists of a multi-density core. Fabric corners are fully tailored (no exposed darting).	2 1/16" (52mm)	0.30	Approx. 1.6 psf (7.81 kg/m <sup>2</sup> )

Note: The information provided in this Data Sheet is accurate to the best of our knowledge at the time of printing. However, we reserve the right to make changes when necessary without further notification. Suggested applications may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used or installed, to our specifications. Please refer to our website for most current data.

Note: Only handle panels wearing clean, lightweight, white gloves during installation. Follow manufacturer's printed instructions for installation as well as field cutting of panels.



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