

TYPE: LX-MP-

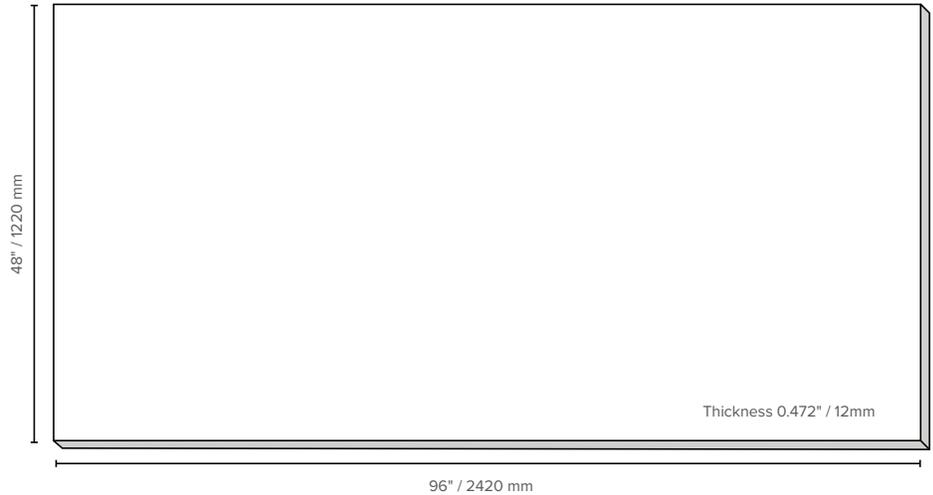


FEATURES

- Absorbs reverberated sound, providing acoustic control to reduce noise
- Highly effective noise absorption (NRC = 0.85) for enhanced acoustics
- Offered in an array of colors for versatile applications
- Lightweight, durable and ecofriendly material offering easy maintenance and installation
- Anti-microbial properties with high resistance to humidity, moisture & chemicals
- Made from 99% recycled content and is 100% recyclable
- Can be shaped, formed, cut and printed
- Use as a double or single-sided panel, pinboard, wall panel, demountable partitioning system, acoustic panel system, ceiling tiles, and/or soft floor applications
- Suitable for Offices, Conference Rooms, Hotels, Schools, Restaurants, Auditoriums, Recording Studios, Multiplex/Theatre, Home Theatres, Teleconferencing and Videoconferencing Rooms, Multi-Purpose Rooms, Acoustic products, and more.
- Available in North America (USA and Canada) only.

SIZE AND PROPERTIES

	ACOUSTIC PANELS
Height	48" / 1220 mm
Width	96" / 2420 mm
Thickness	0.472" / 12mm
Weight	1750 g/m2
NRC	0.85
Composition	100% polyester fiber (PET)
Fireproof Grade	A,B



ORDER CODE

EXAMPLE: LX - MP - FG
(Luxxbox Motif Acoustic Panel, Forest Green Color)

LX - MP	_____
PRODUCT CODE	COLOR
LX - MP	Use color codes as shown below.

AVAILABLE COLORS

Colors are subject to lead times and variations across batches.

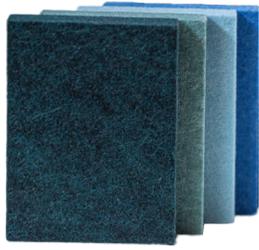
CORE



DESIGNER



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MATERIAL SPECIFICATIONS

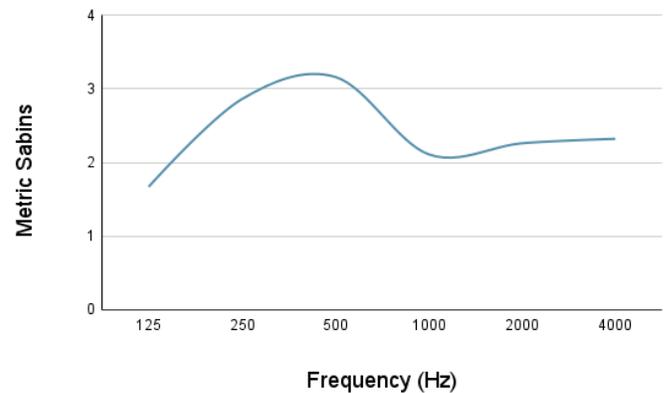
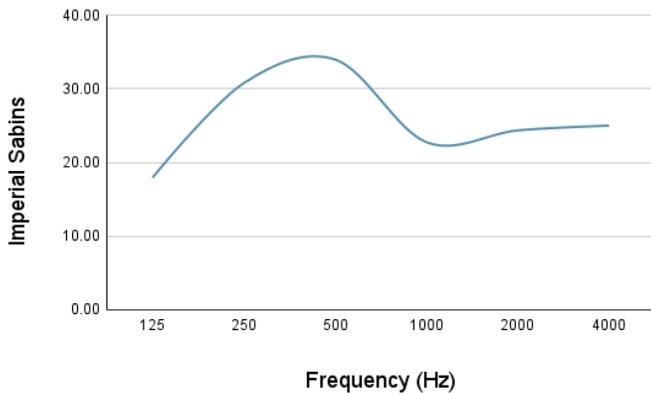
MATERIAL COMPOSITION:	100% polyester fibre (PET) = 99% Pre-consumer Recycled Polyester + 1% Masterbatch Polyester Non-toxic, non-allergenic, non-irritant and does not contain formaldehyde binders No chemical irritants - free from harmful substances
ENVIRONMENTAL:	GRS 4.0 (Global Recycled Standard 4.0) 100% Recyclable GreenRate: Level A GreenTag Certification Environmental protection can reach E1 (GB) grade
FIRE TEST:	Class A Interior Wall & Ceiling Finish Category - FSI: 20 (Flame Spread index) / SDI: 450 (Smoke-developed Index) ASTM E-84-15a (Standard Test Method for Surface Burning Characteristics of Building Materials) Flame resistant EN13501 CLASS B
SOUND ABSORPTION:	Noise reduction coefficient (NRC) = 0.85 AS ISO 354:2003 (Acoustics—Measurement of sound absorption in a reverberation room)
PRODUCTION PROCESS:	The production process is completely physical & eco-friendly with no waste water, emissions, waste, or adhesive. Manufactured using needle punching processing and high-tech hot pressing techniques.

PRODUCT ACOUSTIC PROPERTIES

The acoustic data shown refers to testing of LX-MP carried out in accordance with the references detailed below:

AS ISO 354:2003	Acoustics—Measurement of sound absorption in a reverberation room
SAMPLE SPECIFICATION	48.031" x 96.062" x 0.354" (one-side exposed)
TEST CONDITIONS	Ambient Temperature: 15°C Relative humidity: 67% Volume reverberation room: 273m ³ Test area: 10.08m ² with back airspace of 200mm

Frequency (Hz)	SOUND ABSORPTION (α_v)	IMPERIAL SABINS	METRIC SABINS
125	0.56	17.94	1.67
250	0.96	30.76	2.86
500	1.06	33.96	3.16
1000	0.71	22.75	2.11
2000	0.76	24.35	2.26
4000	0.78	24.99	2.32
NRC	0.85	27.24	2.53



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