



MOTIF VEIL
ACOUSTIC WALL PANEL



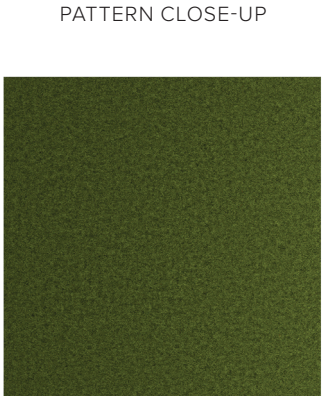
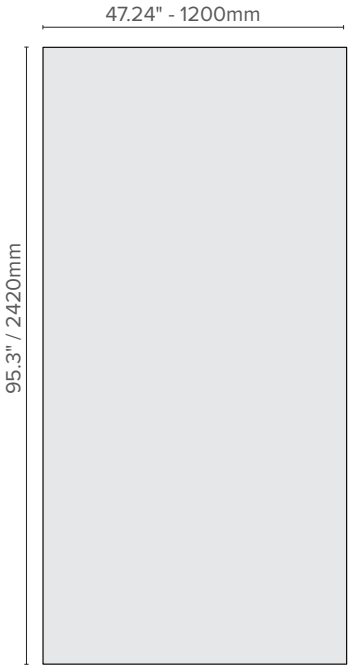


PRODUCT OVERVIEW

Wrap your space in the luxurious wool and unparalleled color spectrum of Motif Veil. This unique panel combines a soft, tactile layer of premium wool over a high-performance PET core, bringing a rich, natural aesthetic to any interior. Beyond exceptional sound absorption, these sustainable panels infuse spaces with refined elegance, warmth, and a deep sense of well-being.

DIMENSIONS AND WEIGHT		
	IMPERIAL	METRIC
Height	95.3"	2420mm
Width	47.24"	1200mm
Thickness	0.55"	14mm
Weight	11.37lbs	5.16Kg
Density	0.492 lb/ft ²	2.4Kg/m ²

SPECIFICATIONS	
Material	83% Polyester Fiber (PET), 17% Pure Wool
Recycled	99% Post-consumer recycled PET 100% Pure wool, eco-friendly and compostable
Reaction to Fire	ASTM E84-2022: Class A (FSI: 0, SDI: 160) EN 13501-1:2018: B-s1, d0
VOC Emissions	ASTM D5116: 0.01 mg/m ² /hr (7 days)
Color fastness to Light	ISO 105-B02 Rating:6-7
Environmental	GRS 4.0 certified by Intertek
Thermal Transition	ASTM C518-2010: R-value=0.30m2K/W



WOOL-UPHOLSTERED PANEL

Motif Veil panels showcase the luxurious beauty of their wool-upholstered surface, combining premium texture with an expansive palette of 77 colors. Offering excellent acoustic performance, these versatile panels are suitable for numerous applications.

ORDER CODE	
EXAMPLE: LX - MV - SA (Luxxbox Motif Veil, Sand PET)	
PRODUCT	COLOR
LX-MV	Use color codes as shown on the next page.

The above ordering code includes 1pc in standard dimensions. Custom sizes and patterns are also available upon demand.

MOTIF VEIL ACOUSTIC WALL PANEL

AVAILABLE COLOURS

4M	2T	4T	4C	3V	21	3W	3Q
4N	18	13	39	63	90	3P	3T
4Q	3N	4L	3L	4U	3S	82	4R
3M	58	2W	47	86	4X	4A	4D
2Q	1E	28	4W	1J	31	30	35
1R	1V	1W	1P	1Y	12	67	08
02	4H	3Z	2U	2Z	3X	3B	4B
4S	4K	33	4J	4P	09	26	62
1F	1K	1L	53	3U	1N	3Y	3R
3A	4V	4F	4E	4G			

ACOUSTIC PROPERTIES

STANDARDS

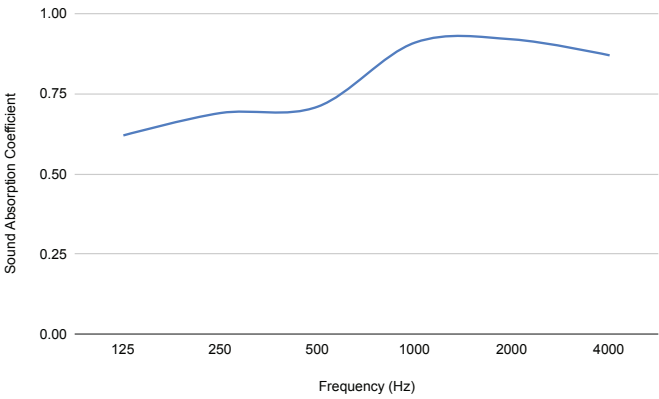
ISO 354:2003	Acoustics - Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics - Sound absorbers for use in buildings — Rating of sound absorption
ASTM C423-22	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

SUMMARY

Noise Reduction Coefficient	NRC	0.85
Weighted Sound Absorption Coefficient	SAA	0.85
Sound Absorption Average	aw	0.83
Absorption Class	Class	B

ACOUSTIC PERFORMANCE

Frequency (Hz)	Sound Absorption Coefficient
125	0.69
250	0.92
500	0.96
1000	0.76
2000	0.79
4000	0.74



Please note that the acoustic performance of our Motif Panels could be significantly improved by adding an air gap between the acoustic panel and the wall.

ACOUSTIC PERFORMANCE METRICS EXPLAINED

Noise Reduction Coefficient (NRC): The NRC is a single-number rating that indicates how much sound a material absorbs. An NRC of 0.85 means the material absorbs 85% of incident sound and reflects 15%.

Sound Absorption Average (SAA): The SAA is a more detailed version of the NRC, calculated as the average absorption across twelve one-third octave bands from 200 Hz to 2500 Hz. This provides a finer-grained insight into how the material performs across speech-relevant frequencies.

Weighted Sound Absorption Coefficient (aw): aw is a European single-number rating that condenses a material's sound absorption performance into a value between 0 and 1, based on standardized laboratory testing (ISO 11654). It is weighted to match human auditory sensitivity, making it highly relevant in architectural design.

Absorption Class: Derived from aw, the Absorption Class (A–E) categorizes materials into intuitive performance bands, with Class A representing the highest sound absorption. This makes it easier for designers and clients to compare materials without reading full test reports.

Frequency-Dependent Absorption Coefficients: These values show how much sound is absorbed at specific frequencies—typically at 125, 250, 500, 1000, 2000, and 4000 Hz. They are critical for specialists aiming to target particular acoustic issues, such as controlling low-frequency rumble or high-frequency reverberation.

INSTALLATION OVERVIEW

DOCUMENTATION

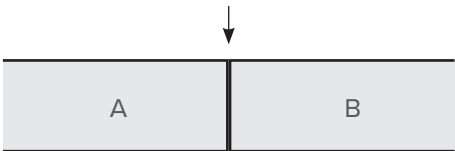
The documents below can be found on the Product's page on our website. You can also click on the name of the document, or scan the QR code to access these documents

Document & Link	Description	QR Code
Care Manual	Cleaning and maintenance instructions to help preserve the appearance and longevity of these products.	
Installation Instructions	Detailed instructions for the inspection, preparation, installation, and on-site modification of Motif Acoustic Panels, focusing on common installation methods and best practices for wall applications.	
Spider Mount Spec Sheet	Detailed specifications, components, installation guidelines, and available options for the Luxxbox Spider Mount system, which is designed for efficient and modular wall mounting of acoustic panels.	

EDGE TREATMENT

Motif Basica Acoustic Panels do not have any kind of edge treatment, making the visibility of joints between adjacent panels dependent on installer skill and the evenness of the mounting surface.

See diagram on the right for reference.



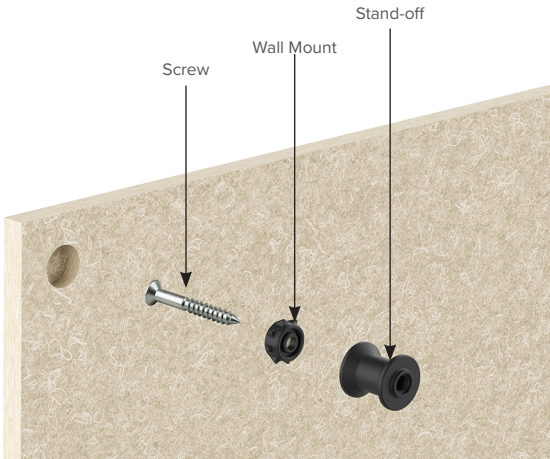
SPIDER MOUNT

We recommend the patent-pending Spider Mount panel mounting system for a streamlined, highly efficient installation. This versatile system is compatible with various panel sizes and materials and allows for easy on-site adjustments.

Key Features and Benefits:

- **Optimized Acoustics and Flexibility:** The stackable stand-off allows for custom air gap adjustment, optimizing acoustic performance, easily concealing cables, and compensating for uneven walls.
- **Easy Cable Management:** Off-wall spacing provides easy, repeated access to hidden cabling without damaging the wall treatment.
- **Reusable and Reconfigurable:** The quick-connection mount can be easily disassembled and reused, ideal for reconfiguring spaces or relocating.

Check the Spider Mount Spec Sheet, linked at the top of the page, for more detailed information. Use the Order Matrix below to configure your ordering code.



ORDER CODE

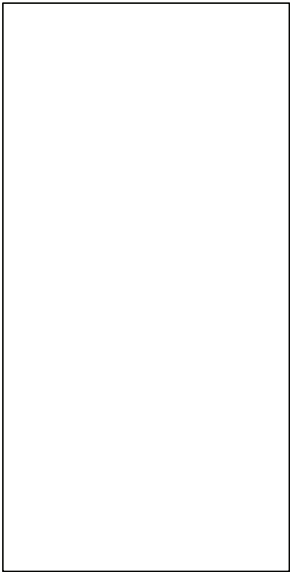
EXAMPLE: LX - SM - WM - 10
(Luxxbox Spider Mount, Wall Mount, Pack of 10pcs)

PRODUCT	COMPONENT		PACK	
SM	WM	Wall Mount	10	Pack of 10pcs
	SO	Stackable Stand-Off	50	Pack of 50pcs
			100	Pack of 100pcs
	HT		01**	Pack of 1pc

* Screws are not included. | 88The Hole Tool (HT) is only available in a pack of a single piece.

OTHER AVAILABLE PATTERNS

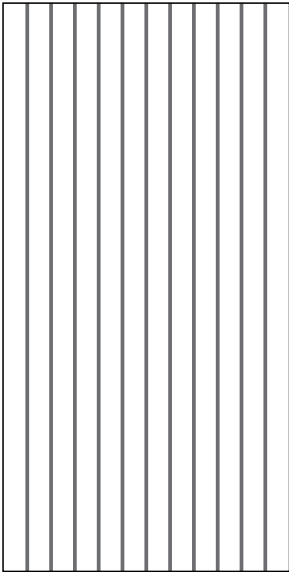
MOTIF BASICA (LX-MB)



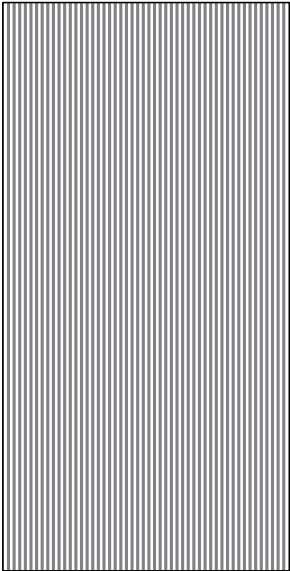
MOTIF VEIL (LX-MV)



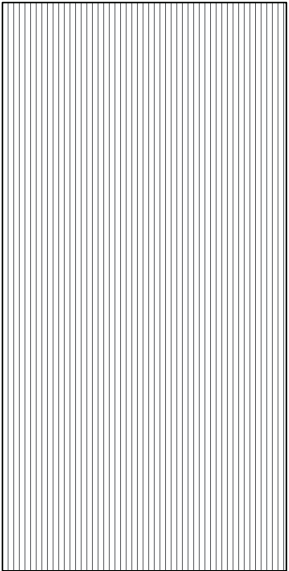
MOTIF SHIPLAP (LX-MS)



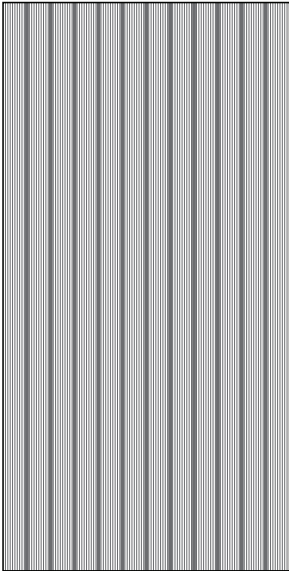
MOTIF RANURA (LX-MR)



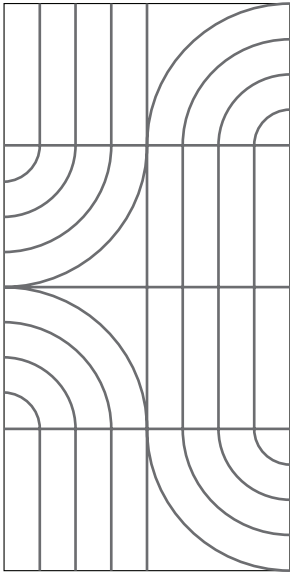
MOTIF WHISPERLINES (LX-MW)



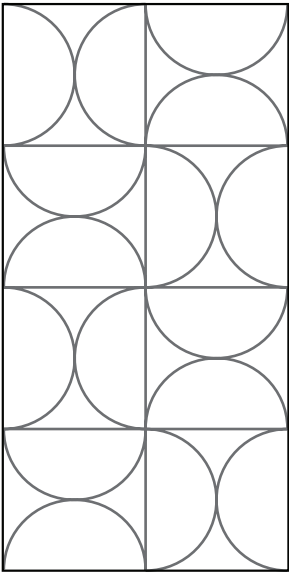
MOTIF PULSE (MP)



MOTIF ENLACE (LX-ME)



MOTIF LUNA (LX-ML)



MOTIF HATCH (MH)

