



SlatWall | Acoustic Slat Wood Wall Panels

Technical Sheet

Contents

General information
Dimensions
Technical drawings
Sound absorption
Installation instructions

Page 2
Page 3-4
Page 5-6
Page 7
Page 8

Contact us

214.613.2285
info@ArchitecturalBling.com
ArchitecturalBling.com

General information

The SlatWall acoustic slat wood wall panel range is a beautifully designed wood strip decorative wall and ceiling panel which boasts high-quality acoustic properties. The panels can be easily applied to both walls and ceilings - modern styling personified in every way.

There are three panel options available:



Standard

Designed with consistency in mind. These panels use smooth, consistent grains for a harmonious interior look.



Premium

Crafted with real wood veneers with naturally varying grains, unique to each piece of wood.



Premium Oiled

Crafted with real wood veneers with naturally varying grains; hand oiled for a richer color.

Acoustic properties	✓ Acoustic properties	✓ Acoustic properties	✓ Acoustic properties
Fire rating	✗ Not fire rated	✓ FR backing available	✓ FR backing available
Moisture resistant	✗ Not moisture resistant	✓ Yes*	✓ Yes*
Finish options	✗ Unoled	✗ Unoled	✓ Pre-oiled finish
Veneer material	▨ Engineered veneer	▨ Natural real wood veneer	▨ Natural real wood veneer
Look & feel	▨ Consistent grain texture	▨ Smooth grain texture	▨ Smooth grain texture
Care & maintenance	▨ Wipe panels with dry cloth	▨ Wipe panels with dry cloth	▨ Wipe panels with dry cloth

* Additional water-resistant finish required.

Dimensions

Swatch	Product Name	Material/ Finish	Dimensions (in) per panel (L) x	Dimensions (in) per pack	SQ FT per pack	Weight per pack (lbs)
Standard						
	SlatWall Luxury American Oak Acoustic Slat Wood Wall Panels	Engineered Veneer/ MDF / Black Acoustic Felt Backing	94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
	SlatWall Luxury American Walnut Acoustic Slat Wood Wall Panels	Engineered Veneer/ MDF / Black Acoustic Felt Backing	94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
Premium						
	SlatWall Luxury American Oak Acoustic Slat Wood Wall Panels	Wood Veneer /MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D) 94.49" (L) x 12.59" (W) x 0.78" (D) 118.11" (L) x 12.59" (W) x 0.78" (D) 141.73" (L) 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D) 94.49" (L) x 25.20" (W) x 0.78" (D) 118.11" (L) x 25.20" (W) x 0.78" (D) 141.73" (L) 25.20" (W) x 0.78" (D)	8.27 16.54 19.375 23.25	11.02 20.94 25.35 30.86
	SlatWall Luxury American Walnut Acoustic Slat Wood Wall Panels	Wood Veneer /MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D) 94.49" (L) x 12.59" (W) x 0.78" (D) 118.11" (L) x 12.59" (W) x 0.78" (D) 141.73" (L) 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D) 94.49" (L) x 25.20" (W) x 0.78" (D) 118.11" (L) x 25.20" (W) x 0.78" (D) 141.73" (L) 25.20" (W) x 0.78" (D)	8.27 16.54 19.375 23.25	11.02 20.94 25.35 30.86
	SlatWall Luxury American Oak (Gray Felt) Acoustic Slat Wood Wall Panels	Wood Veneer /MDF/ Gray Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D) 94.49" (L) x 12.59" (W) x 0.78" (D) 118.11" (L) x 12.59" (W) x 0.78" (D) 141.73" (L) 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D) 94.49" (L) x 25.20" (W) x 0.78" (D) 118.11" (L) x 25.20" (W) x 0.78" (D) 141.73" (L) 25.20" (W) x 0.78" (D)	8.27 16.54 19.375 23.25	11.02 20.94 25.35 30.86
	SlatWall Luxury Oak (Natural Core) Acoustic Slat Wood Wall Panels	Wood Veneer /MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D) 94.49" (L) x 12.59" (W) x 0.78" (D) 118.11" (L) x 12.59" (W) x 0.78" (D) 141.73" (L) 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D) 94.49" (L) x 25.20" (W) x 0.78" (D) 118.11" (L) x 25.20" (W) x 0.78" (D) 141.73" (L) 25.20" (W) x 0.78" (D)	8.27 16.54 19.375 23.25	11.02 20.94 25.35 30.86
	SlatWall Luxury Smoked Oak Acoustic Slat Wood Wall Panels	Wood Veneer /MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D) 94.49" (L) x 12.59" (W) x 0.78" (D) 118.11" (L) x 12.59" (W) x 0.78" (D) 141.73" (L) 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D) 94.49" (L) x 25.20" (W) x 0.78" (D) 118.11" (L) x 25.20" (W) x 0.78" (D) 141.73" (L) 25.20" (W) x 0.78" (D)	8.27 16.54 19.375 23.25	11.02 20.94 25.35 30.86

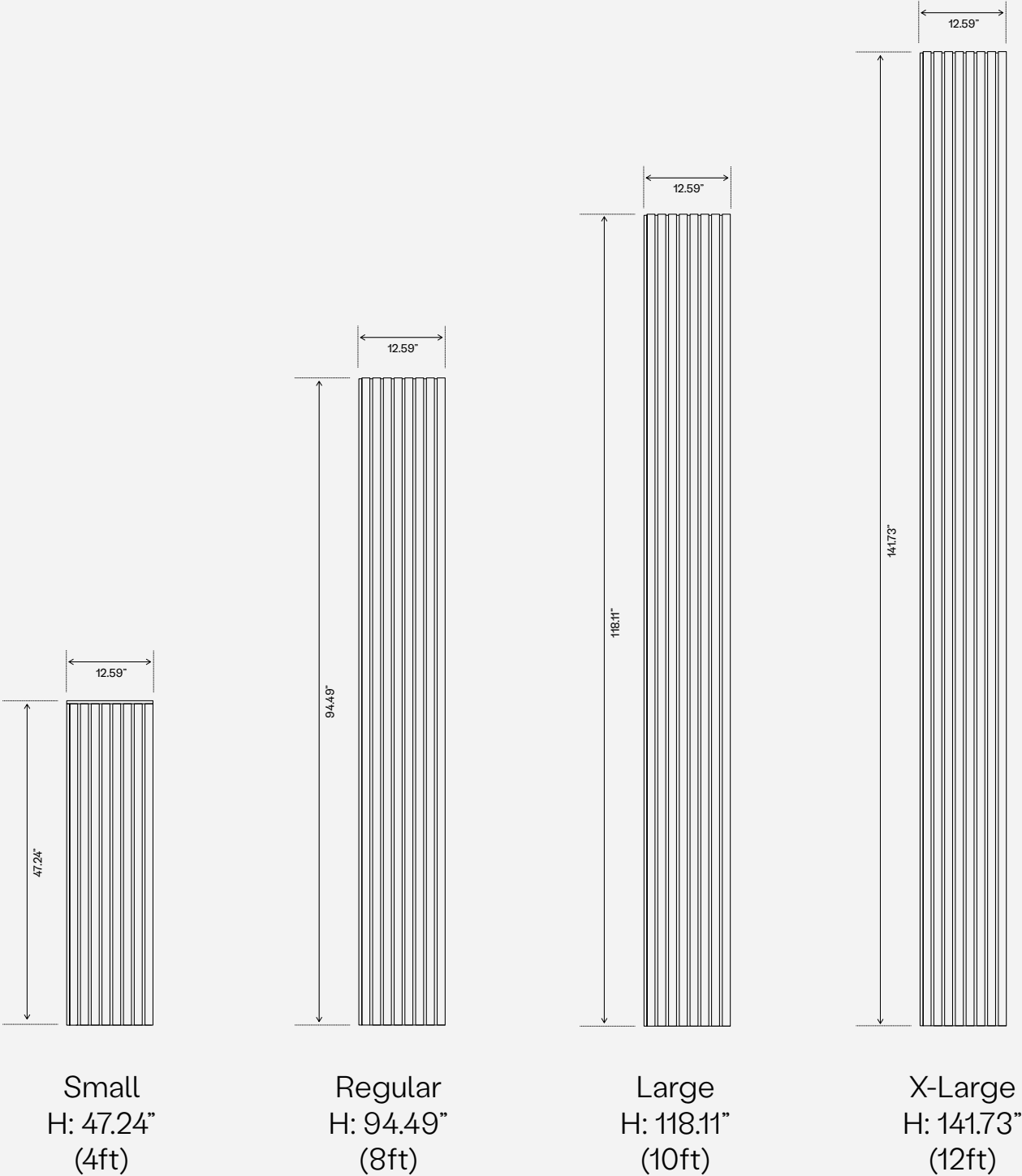
Premium Oiled →

Dimensions Con't

Swatch	Product Name	Material/ Finish	Dimensions (in) per panel	Dimensions (in) per pack	SQ FT per pack	Weight per pack (lbs)
Premium Oiled						
	SlatWall Luxury American Oak Acoustic Slat Wood Wall Panels	Wood Veneer / Satin Wood Oil/ MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.02
			94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
			118.11" (L) x 12.59" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	19.375	25.35
			141.73" (L) 12.59" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	23.25	30.86
	SlatWall Luxury American Walnut Acoustic Slat Wood Wall Panels	Wood Veneer / Satin Wood Oil/ MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.02
			94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
			118.11" (L) x 12.59" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	19.375	25.35
			141.73" (L) 12.59" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	23.25	30.86
	SlatWall Luxury American Oak (Gray Felt) Acoustic Slat Wood Wall Panels	Wood Veneer / Satin Wood Oil/ MDF/ Gray Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.02
			94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
			118.11" (L) x 12.59" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	19.375	25.35
			141.73" (L) 12.59" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	23.25	30.86
	SlatWall Luxury Oak (Natural Core) Acoustic Slat Wood Wall Panels	Wood Veneer / Satin Wood Oil/ MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.02
			94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
			118.11" (L) x 12.59" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	19.375	25.35
			141.73" (L) 12.59" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	23.25	30.86
	SlatWall Luxury Smoked Oak Acoustic Slat Wood Wall Panels	Wood Veneer / Satin Wood Oil/ MDF/ Black Acoustic Felt Backing	47.24" (L) x 12.59" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.02
			94.49" (L) x 12.59" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	20.94
			118.11" (L) x 12.59" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	19.375	25.35
			141.73" (L) 12.59" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	23.25	30.86

Technical Drawings

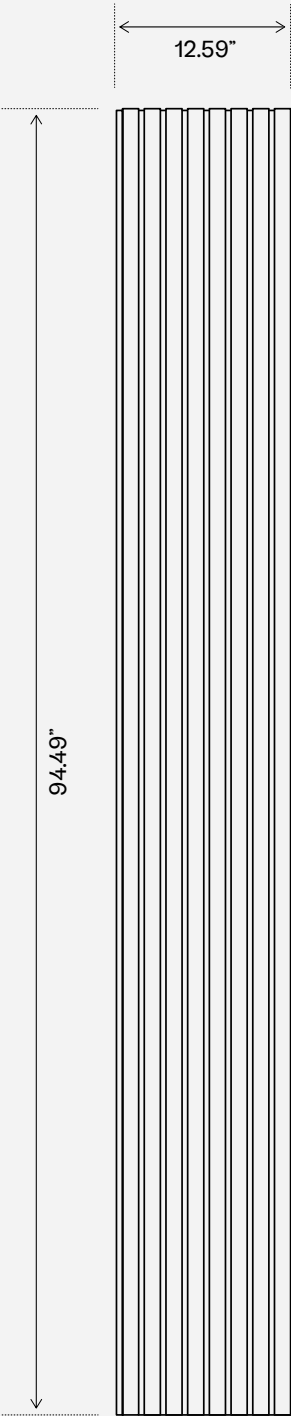
These are the sizes available for the SlatWall Acoustic Slat Wood Wall Panels. Please note that the panels come in packs of two (two panels per pack). The drawings below show the dimensions per individual panel.



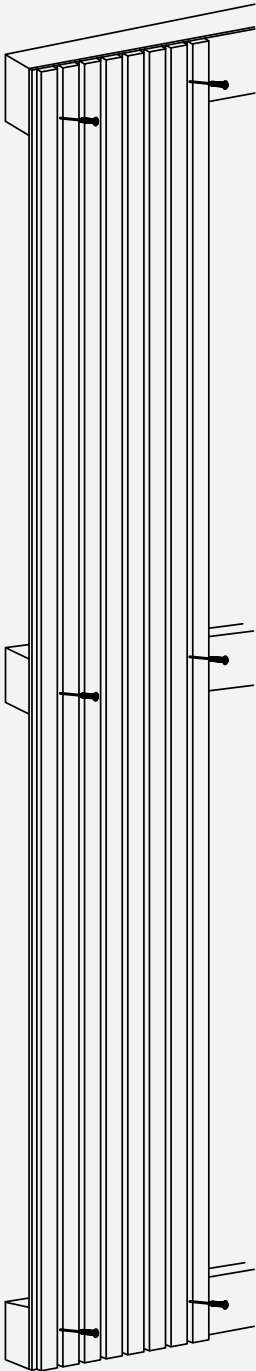
Technical Drawings

These technical drawings are based on the single panel size 12.59 (W) x 94.49(H) x 0.78 (D).

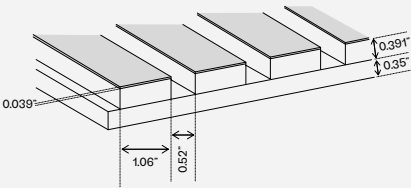
Flush mounted



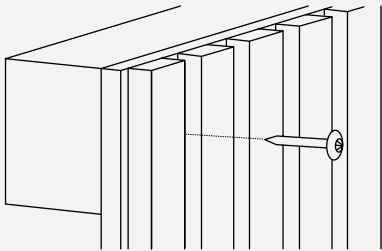
Furr out mounted



Slat Dimensions



Screw placement



Sound Absorption

Figure 1: (Flush Mounted) Sound Absorption:

Measurement of sound absorption coefficient acc. DS/EN ISO 354:2003.

The 11 panels were laid out flat on the concrete floor in the reverberation test room. Closed frame around edges.

Test Area: 170.5 sq ft / Room volume: 2314 sq ft / Room surface area 2562 sq ft.

Freq. Hz	a ^s
100	0.03
125	-0.01
160	0.01
200	0.05
250	0.09
315	0.11
400	0.15
500	0.24
630	0.34
800	0.44
1k	0.63
1.25k	0.81
1.6k	1.01
2k	1.09
2.5k	1.06
3.15k	0.96
4k	0.84
5k	0.72

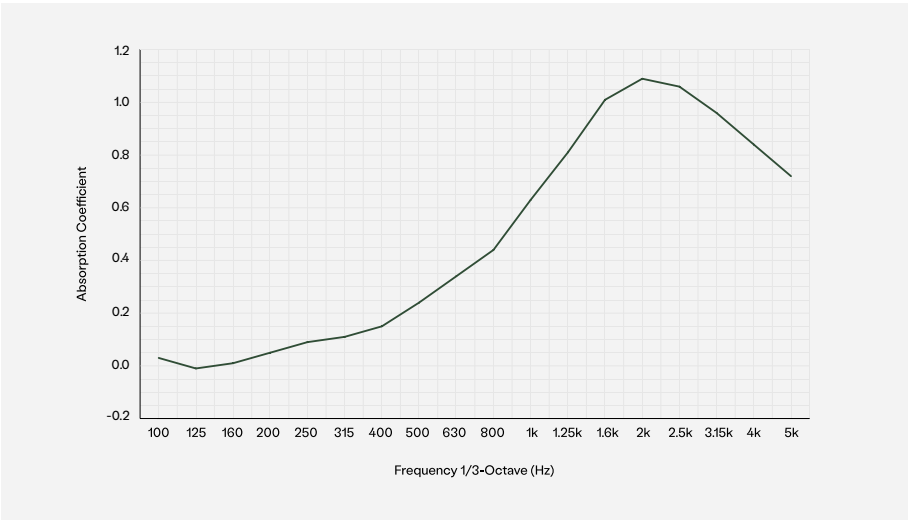


Figure 2: (Furr Out Mounted) Sound Absorption:

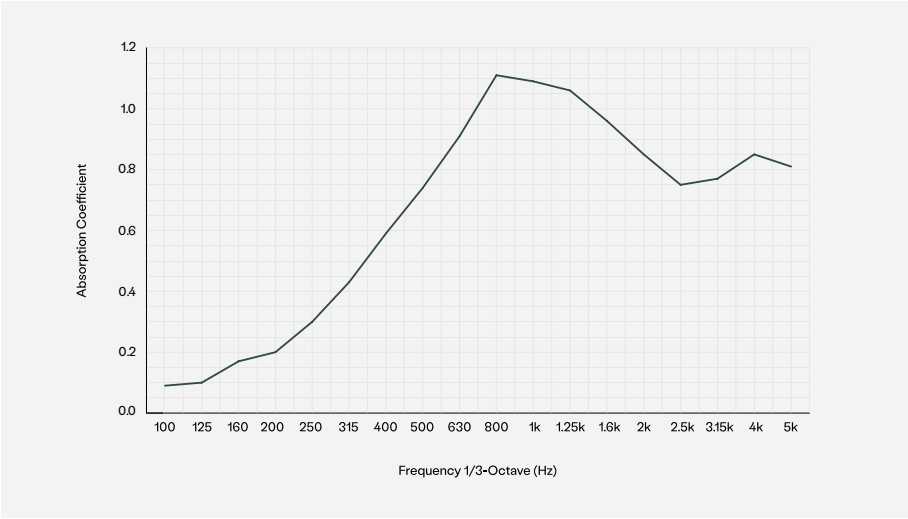
Measurement of sound absorption coefficient acc. DS/EN ISO 354:2003.

Mounting with furring strips: Spacing 1.77" behind panels. Closed frame around edges.

Test Area: 170.5 sq ft / Room volume: 2314 sq ft / Room surface area 2562 sq ft.

If a product like Rockwool sound insulation is installed in-between the furring strips, behind the panels this will achieve Class A sound absorption.

Freq. Hz	a ^s
100	0.09
125	0.10
160	0.17
200	0.20
250	0.30
315	0.43
400	0.59
500	0.74
630	0.91
800	1.11
1k	1.09
1.25k	1.06
1.6k	0.96
2k	0.85
2.5k	0.75
3.15k	0.77
4k	0.85
5k	0.81



Installation Instructions

How to cut the Acoustic Slat Wood Wall Panels

For the Acoustic Slat Wood Wall Panels, if you are cutting width ways, we recommend a sharp, fine-tooth saw to cut through the slats and felt cleanly. To cut length ways, a sharp craft or Stanley knife can be used to cut through the felt.

To cut the Acoustic Slat Wood Wall Panels, a sharp, fine-tooth saw will need to be used to cut width ways and length ways.

Tools needed



Measuring tape



Fine tooth or sharp saw,
or circular saw (optional)



Masking tape



Sandpaper



Color screws



Furring Strips (optional)



Level



Hand drill



Finishing Oil (optional)

How to install the Acoustic Slat Wood Wall Panels

There are three options we recommend for installing the SlatWall Acoustic Wood Wall Panels:



1. Gluing straight onto the wall:

A construction glue or grab adhesive is recommended for this. Simply apply the adhesive to the edges of the panel, and a large wave in the middle. Apply even pressure to the panel to stick this to the wall.



2. Screwing directly into the wall:

By using color screws, the panels can be screwed directly into the wall through the MDF backing.

We recommend a minimum of 9 screws per panel at 7.5" intervals across the width and 31.5" down the length of the panel.

These panels are not intended to be installed in float mount applications without framework or joist to screw into.

Please make sure the correct fixings are used if going into plasterboard for example.



3. Screwing the panels into Furring Strips:

We recommend screwing 1.77" furring strips to the wall and then screwing the panels directly into the furring strips through the acoustic felt to achieve optimum sound absorption. Combined with Rockwool sound insulation behind the panels in between the furring strips, this will achieve Class A sound absorption.

This is also a fantastic way to hide wires and work around pipework.

Need help? Contact us:



Call customer service:
214.613.2285

Monday – Friday
7am – 5pm CST



Email customer service:
info@ArchitecturalBling.com



Use live chat:
[ArchitecturalBling.com](https://www.ArchitecturalBling.com)
(Click the pop-up in the bottom right of the screen)

Monday – Friday



Dallas Design Community
4020 N MacArthur Blvd - #122
Irving, TX 75038-6419

214.613.2285 | [ArchitecturalBling.com](https://www.ArchitecturalBling.com)

[ArchitecturalBling.com](https://www.ArchitecturalBling.com)



SlatWall | Acoustic Slat Color Wall Panels

Technical Sheet

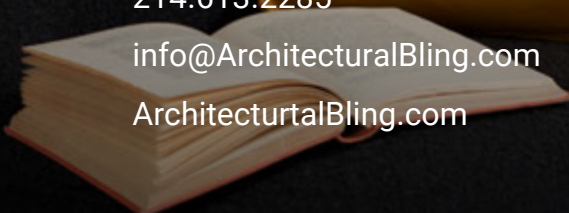
Contents

General information
Dimensions
Technical drawings
Sound absorption
Installation guide

Page 2
Page 3
Page 4
Page 6
Page 7

Contact us

214.613.2285
info@ArchitecturalBling.com
ArchitecturalBling.com



SlatWall | Acoustic Slat Color Wall Panels

The SlatWall acoustic slat color wall panel range is a beautifully designed strip decorative wall and ceiling panel which boasts high-quality acoustic properties. The panels can be easily applied to both walls and ceilings - modern styling personified in every way.



Eight slat wide panel

The Acoustic Slat Color Wall Panels feature eight slats per panel, with each slat measuring 1.06" wide, and each panel is 12.60" wide. Two panels are in every box.



Care and maintenance

These panels can easily be wiped clean with a dry microfibre cloth.



Finishes

The SlatWall Acoustic Slat Color Panels feature a smooth, wrapped melamine finish on all three sides of the slat.



Superior sound absorption

Our color panels have acoustic sound absorption properties. See [page 6](#) for more details.



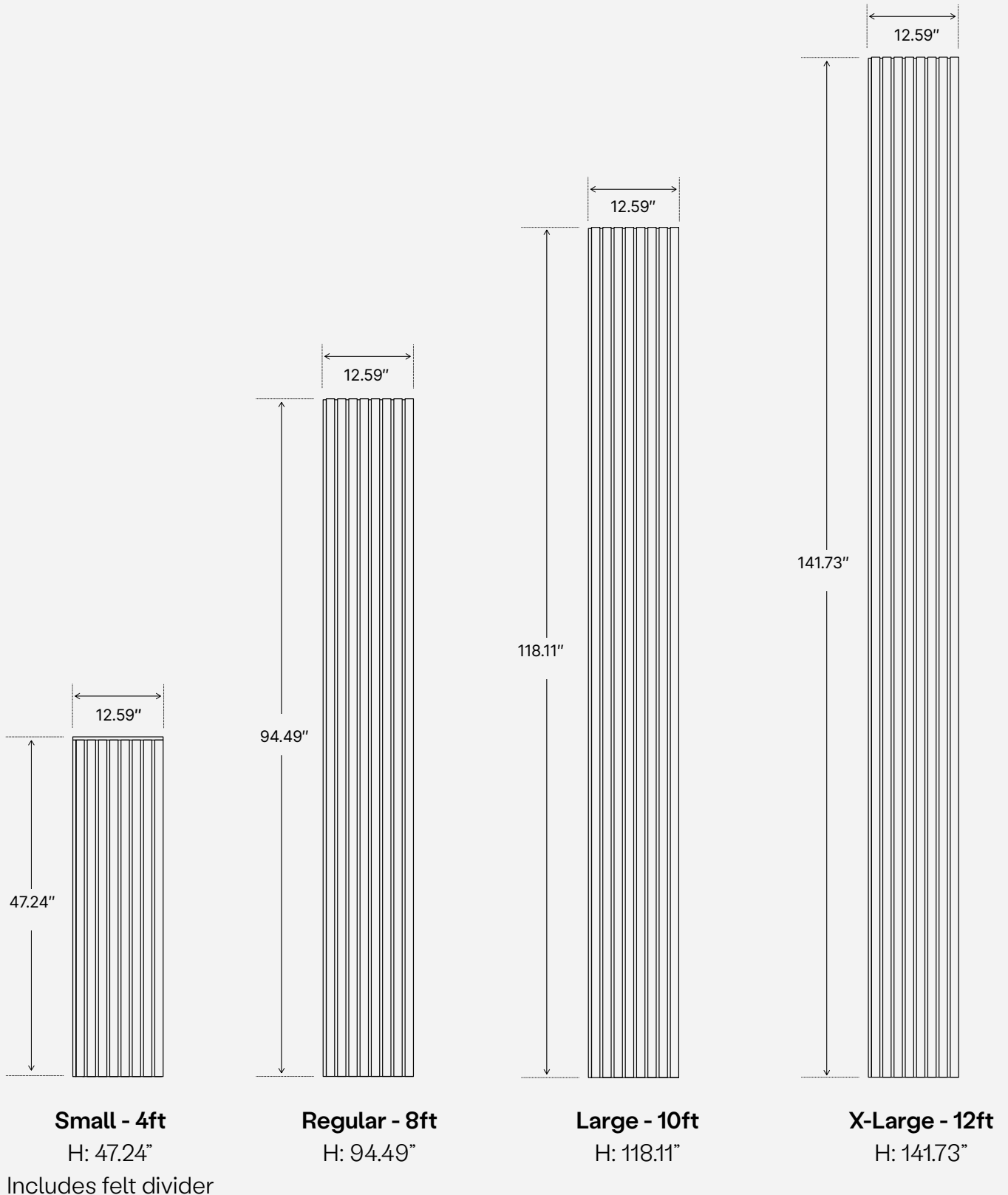
Dimensions

Image	Product Name	Material/ Finish	Available Sizes	Dimensions per panel (in)	Dimensions (in) per pack (both panels joined)	SQ FT per pack	Weight per pack (lbs)
	SlatWall Snow White Color Matte Acoustic Slat Wall Panels	Melamine/ MDF/White Acoustic Felt	4ft	47.24" (L) x 12.60" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.5lb
			8ft	94.49" (L) x 12.60" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	23 lb
			10ft	118.11" (L) x 12.60" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	21	29lb
			12 ft	141.73" (L) 12.60" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	25.20	35lb
	SlatWall Dusty Gray Color Matte Acoustic Slat Wall Panels	Melamine/ MDF/Black Acoustic Felt	4ft	47.24" (L) x 12.60" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.5 lb
			8ft	94.49" (L) x 12.60" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	23 lb
			10ft	118.11" (L) x 12.60" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	21	29 lb
	SlatWall Midnight Blue Color Matte Acoustic Slat Wall Panels	Melamine/ MDF/Black Acoustic Felt	4ft	47.24" (L) x 12.60" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.5 lb
			8ft	94.49" (L) x 12.60" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	23 lb
			10ft	118.11" (L) x 12.60" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	21	29 lb
	SlatWall Black Color Matte Acoustic Slat Wall Panels	Melamine/ MDF/Black Acoustic Felt	4ft	47.24" (L) x 12.60" (W) x 0.78" (D)	47.24" (L) x 25.20" (W) x 0.78" (D)	8.27	11.5lb
			8ft	94.49" (L) x 12.60" (W) x 0.78" (D)	94.49" (L) x 25.20" (W) x 0.78" (D)	16.54	23 lb
			10ft	118.11" (L) x 12.60" (W) x 0.78" (D)	118.11" (L) x 25.20" (W) x 0.78" (D)	21	29lb
			12 ft	141.73" (L) 12.60" (W) x 0.78" (D)	141.73" (L) 25.20" (W) x 0.78" (D)	25.20	35lb



Technical Drawings

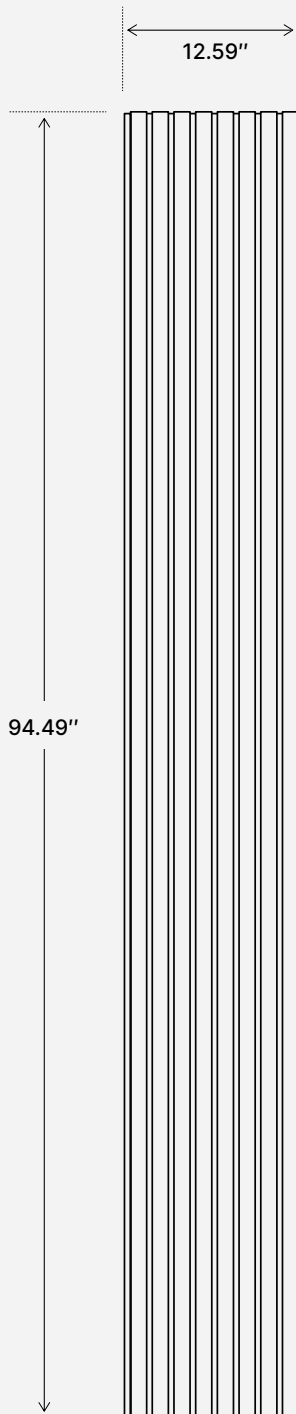
Please note that the panels are sold as two to a pack. The drawings below show the dimensions per individual panel. For dimensions per pack, please refer to the 'Dimensions' on page 3.



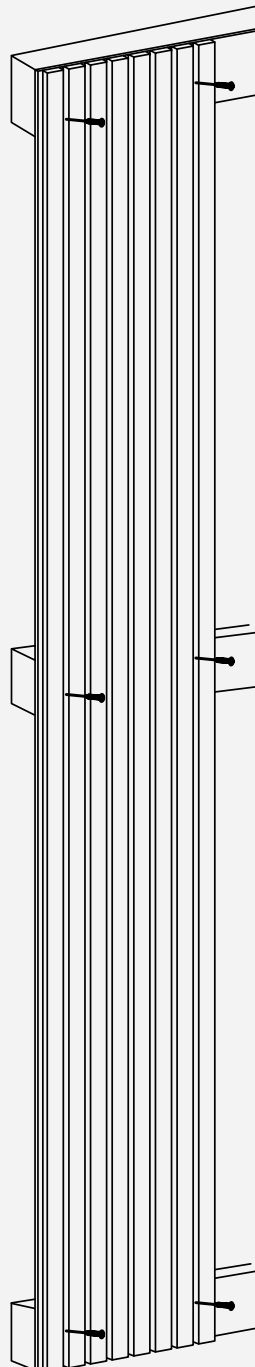
Technical drawings

These technical drawings are based on the single panel size 94.49" (H) x 12.60" (W) x 0.78" (D).

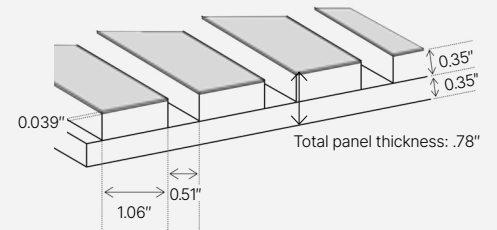
Flush mounted



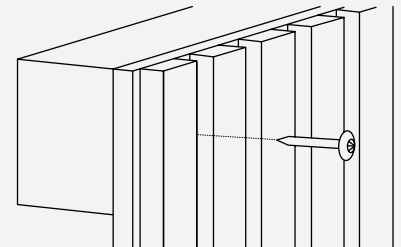
Furr out mounted



Slat Dimensions



Screw placement

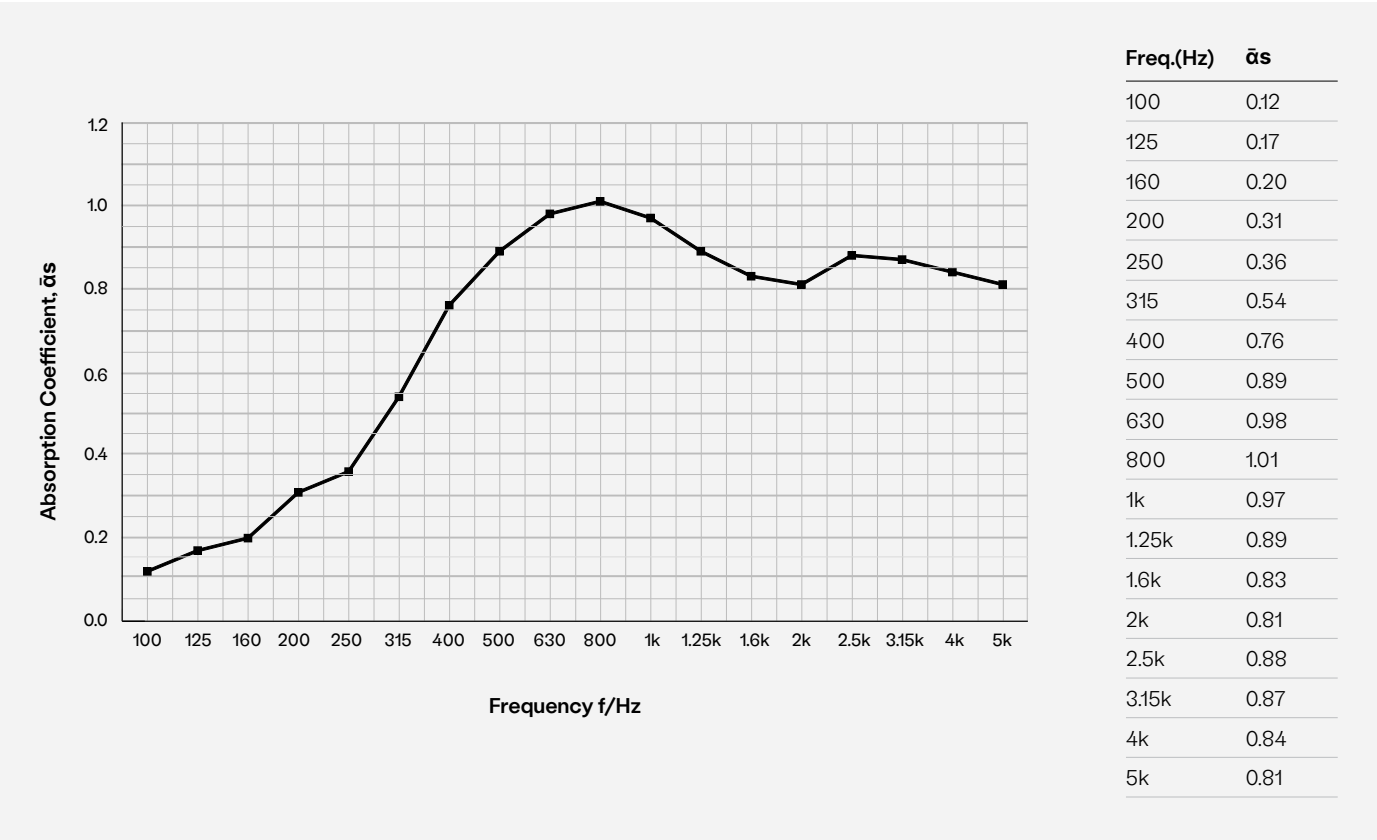


Sound Absorbtion

ASTM C423-23^E1 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.

Testing period October 14th 2024 - October 22nd 2024.

Sample Description:	600mm x 2400mm x 21mm
Edge Treatment:	None
Mass:	4.21kg/m^2
Test Area:	10.8SQM
Test Conditions:	Volume of Reverberation Room 240m^3
Installation Type:	E100 Room Temperature 25 Degrees Centigrade
Relative Humidity of Test Rooms:	70%



Noise Reduction Coefficient (NRC) is 0.75

The below chart shows the NRC and its effect on sound absorption.

Noise Reduction Coefficient	Effect on Sound Absorption
0.80 and above	Very high
0.50 < 0.80	High
0.20 < 0.50	Considerable
0.10 < 0.20	Significant
Up to 0.10	Low

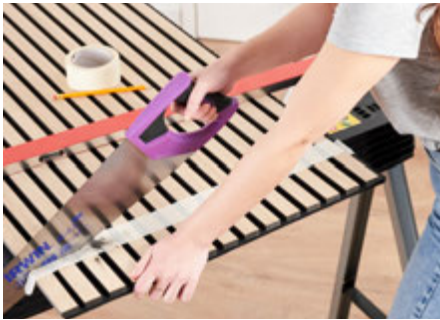
*To improve your NRC rating and the impact on noise in your space, consider opting for an acoustically-rated sound insulation product. An example of an acoustically rated insulation is Rockwool, which can be installed between the furring strips, and has a high NRC rating.



Installation Instructions

How to cut:

- When cutting your panels, we recommend applying masking tape to the area you plan to cut, to reduce the number of wood splinters that can come loose.
- For cutting the panel width-ways, we recommend a sharp, fine-tooth saw to cut through the slats and felt cleanly.
- To cut the panel length ways, a sharp utility knife can be used to cut through the felt. A few passes may be required to cleanly cut through the felt.



Tools needed



Measuring tape



Fine, sharp tooth saw
or circular saw (optional)



Masking tape



Sandpaper



Color-Matched Screws
or Adhesive



Furring Strips (optional)



Level



Hand drill

How to install:

There are three options for installing the SlatWall Acoustic Color Wall Panels:



Option 1: Gluing straight onto the wall

If you choose to install your panels on the wall with glue, we recommend using a construction glue or grab adhesive to ensure your panels stay in place. Simply apply the adhesive on the felt backing, starting around the edges with a large wave in the middle, and place the panel on your wall. Apply even pressure to the panel to stick it to the wall. **Please note that gluing the panels is a permanent installation method, and removing them may damage the wall behind. We do not recommend this method if you are in a rental property.**



Option 2: Screwing directly into the wall

The panels can be screwed directly into the wall through the acoustic felt. We recommend using a color-matched screw to keep the seamless look. We recommend a minimum of 6 screws per panel at 7.5" intervals across the width, and 31.5" intervals down the length of the panel. We recommend installing the panels into existing joists or wooden studs where possible, but if you are installing directly into drywall, use appropriate drywall anchors to ensure the panels are securely fixed in place.



Option 3: Screwing the panels into furring strips

Attaching the panels to furring strips is a great way to hide wires and work around pipes. Simply screw the furring strips to the wall, and then screw the panels directly into them, through the acoustic felt. If you are looking to improve the acoustic properties of the panels, we recommend the furring strips to be at least 1.77" thick, and to use an acoustically rated insulation behind the panels.



Need help? Contact us:



Call customer service:
214.613.2285

Monday – Friday
7am – 5pm CST



Email customer service:
info@ArchitecturalBling.com



Use live chat:
[ArchitecturalBling.com](https://www.ArchitecturalBling.com)
(Click the pop-up in the bottom right of the screen)

Monday – Friday



Dallas Design Community
4020 N MacArthur Blvd - #122
Irving, TX 75038-6419

214.613.2285 | [ArchitecturalBling.com](https://www.ArchitecturalBling.com)

[ArchitecturalBling.com](https://www.ArchitecturalBling.com)