Pixel
Wall Panels

Premium Collection

Pixel is a double-layer acoustic wall covering with precision patterns cut into the outer layer to reveal the second layer beneath. Adding depth, texture, pattern, color, and sound absorption, these soundscaping elements work together to make quiet beautiful. Choose any two colors from the Acoufelt palette to create your Pixel pattern.

Specifications

Surface	Wall
Material	Filasorb™ polyester felt
Thickness	1/2", 14mm (±10%)
	1", 24mm (±10%)
Weight	14mm, 0.49 lb./ft^2 (±10%)
	24mm, 0.98 lb./ft^2 (±10%)
Standard Sizes	48" W x 108" H
	Custom sizes available

Pixel Wall Panel with Rectangle Pattern in Kale and Thistle

Pixel Wall Panel with Triangle Pattern in Popcorn and Almond

Technical

NRC Rating	**14mm**
	0.55, no air gap
	0.70, 20mm air gap
	0.75, 50mm air gap
	24mm
	0.60, no air gap
Fire Test	ASTM E84, Class A
	Flame spread index: 15
	Smoke developed index: 200
Colorfastness	ISO 105-B02, 6-7

Details

Lead Time	3 – 6 weeks
Origin	Manufactured and assembled in the US
Warranty	Product: 20 years*
	Colorfastness: 20 years*

* Conditions apply

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m3
Recyclable	100%*
Certifications	Environmental Product Declaration
	Declare Certification - LBC Red List Free
	(third-party verified)
	SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners.

Call **800.966.8557** with questions or visit **acoufelt.com** for more product information, downloads, and colorways.

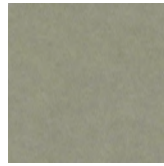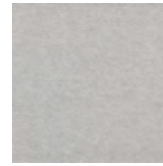**Pixel Wall Panels** 05/2024   2

Colorways

PREMIUM

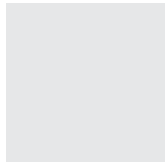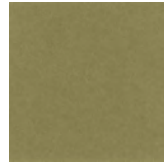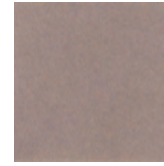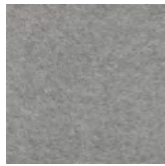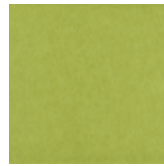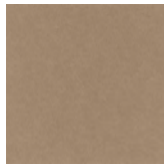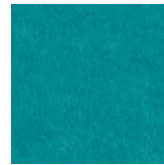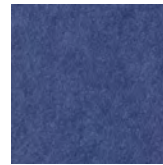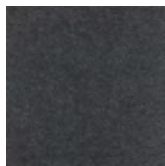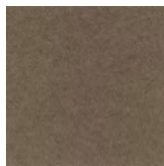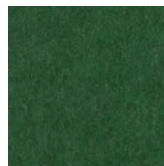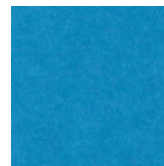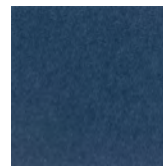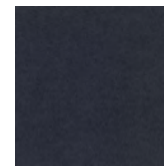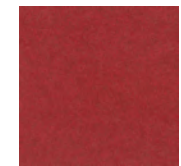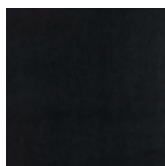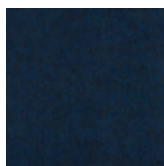|							
White WH12	Almond AL55	Pistachio PI25	Celery CE65	Metal ME03	Flamingo FL61	Quartz QU67	Turmeric TU60
Platinum PL04	Pearl PE21	Eucalyptus EU71	Sencha SE58	Periwinkle PE23	Amethyst AM69	Valentine VA70	Wheat WH68
Grey GR02	Ivory IV11	Wasabi WA29	Sea Salt SE57	Marine MA15	Lilac LI13	Peach PE19	Popcorn PO26
Slate SL27	Umber UM54	Thistle TH28	Peacock PE20	Iris IR10	Berry BE06	Peppercorn PE22	Carrot CA08
Charcoal CH01	Walnut WA56	Oregano OR18	Azure AZ05	Granite GR62	Flint FL64	Shiraz SH63	Currant CU59
Piano Black PI24	Midnight MI16	Kale KA12	Denim DE09				
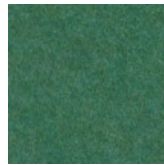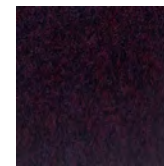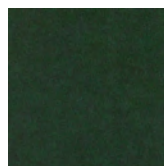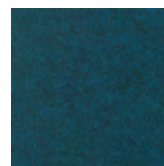
Order samples at **acoufelt.com/colorways**

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Sizes

Standard Sizes	48" W x 108" H
	Custom sizes available
Thickness	1/2", 14mm (±10%)
	1", 24mm (±10%)

Plan

48" W

36" Top

36" Middle

108" H

36" Bottom

24" Left   24" Right

Perspective

12mm panel →

2mm/12mm backer panel

14mm thickness

24mm thickness
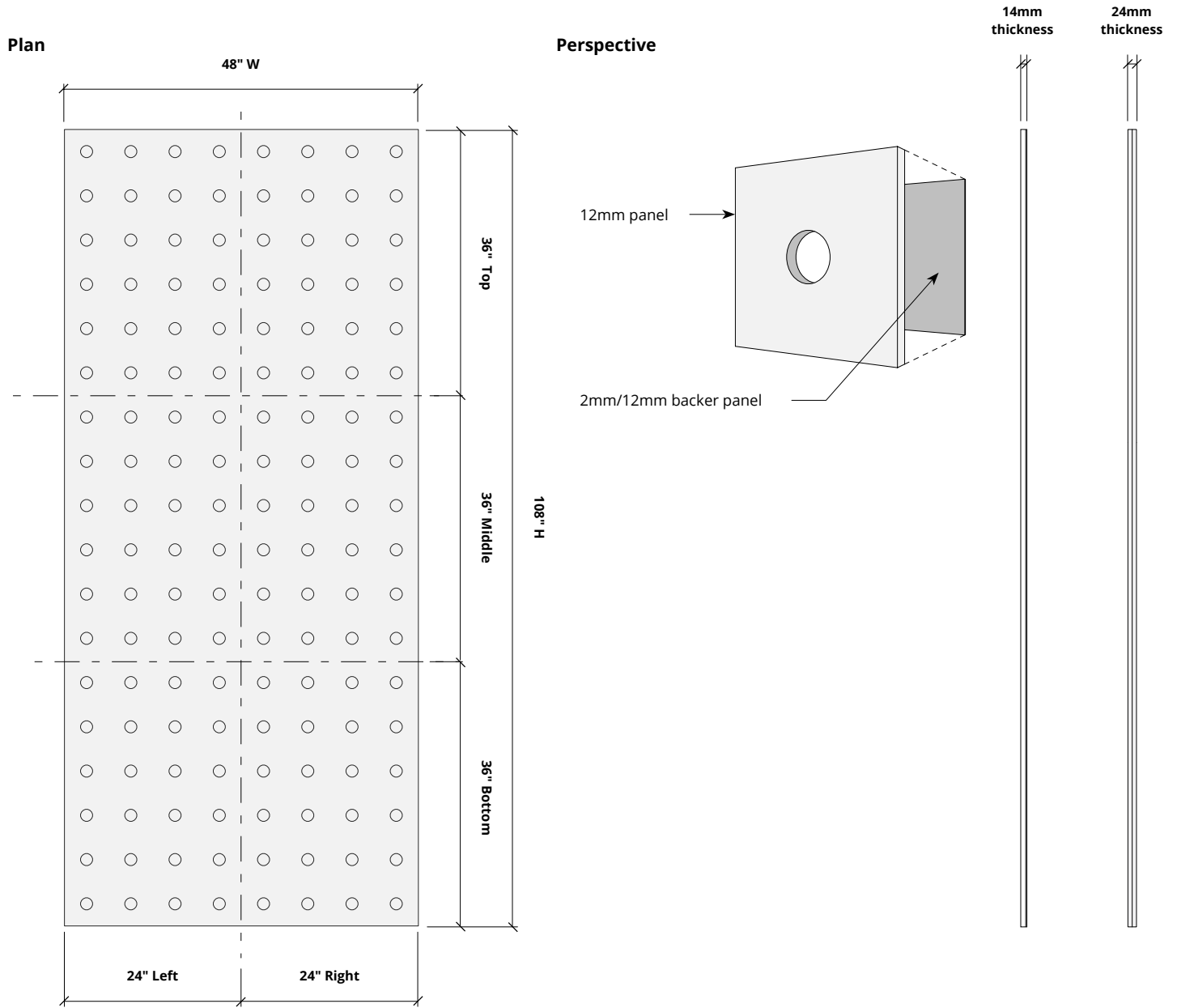
* Product available as full panels or as sections of a panel as filler pieces.
Choose any of the standard height or segments (i.e. bottom right, mddle left, etc) to fill the space as needed.

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How to Specify

1. Choose Panel Pattern

Select desired panel pattern.
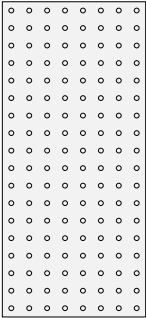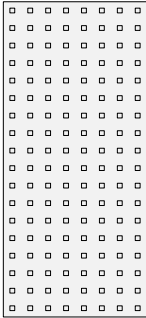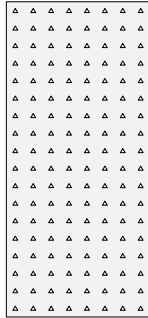
| CIRCLE | SQUARE | TRIANGLE | RECTANGLE | RIGHT TRIANGLE |
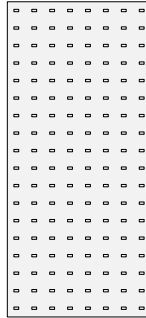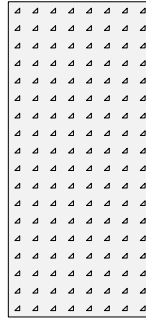
2. Choose Colorways

Select two colors: one for the face panel and one for the back panel to create a Pixel that is uniquely yours.
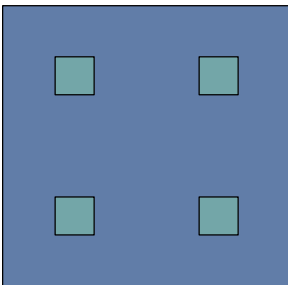
Parallax in Marine and Sea Salt

Mounting Methods

Adhesive backing

Tile

Adhesive

Release liner

Construction adhesive

Tile

Constructive adhesive
(by others)

Z-clip wall mount

Panel

Pre-applied z-clip

Z-clip for wall

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Acoustic Performance

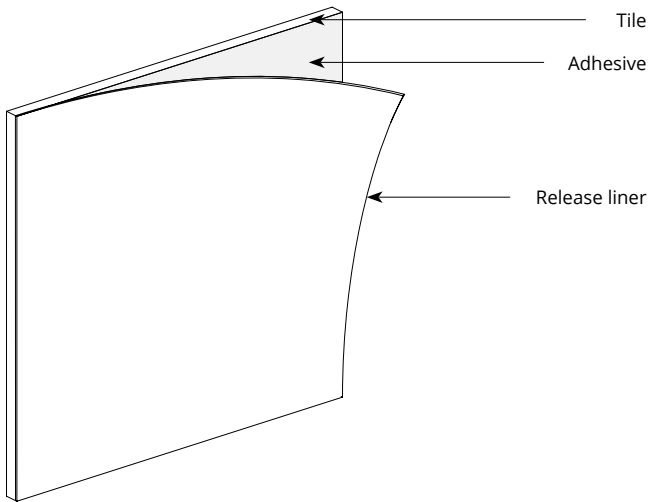|	
Test Method	ISO 354-2006
Install Method	A
Rating Method	ISO 11654-2002
Test Results	**14mm** NRC 0.55, no air gap NRC 0.70, 20mm air gap NRC 0.75, 50mm air gap SAA 0.56, no air gap SAA 0.70, 20mm air gap SAA 0.76 50mm air gap **24mm** NRC 0.60, no air gap
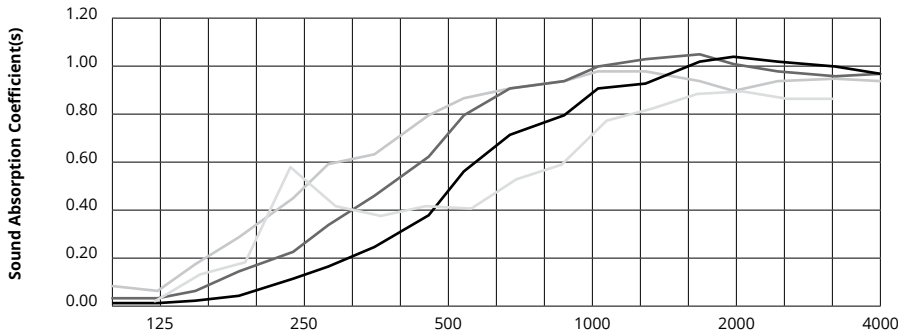
Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
14mm	0.01	0.11	0.37	0.78	1.00	0.98	**0.55**
14mm, 20mm air gap	0.03	0.22	0.61	0.93	1.03	0.94	**0.70**
14mm, 50mm air gap	0.06	0.44	0.78	0.92	0.92	0.93	**0.75**
24mm	0.02	0.57	0.41	0.58	0.87	0.85	**0.60**

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization of installation of the product could alter the results. Sound Absorption Average (SAA) indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz.

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