Spine
Wall Panels

WoodGrain Collection

Spine Wall Panels showcase an innovative three-dimensional design, combining wood-printed panels with elevated solid-color patterns seamlessly layered for a striking visual effect. The interplay of organic wood textures and bold, clean shapes creates a dynamic aesthetic that enhances the depth and aesthetic of any interior.

With a variety of designs to choose from, Spine offers unparalleled creative freedom. The panels can be rotated to form customized patterns, enabling configurations that range from minimalist elegance to eye-catching layouts. This versatile solution is perfect for spaces aiming to blend natural warmth with modern design, delivering a distinctive architectural statement that balances functionality and character.

Specifications

Surface	Wall
Material	FilaSorb™ polyester felt
Thickness	1/2", 12mm (±10%)
	1", 24mm (±10%)
Weight	12mm, 0.49 lb./ft² (±10%)
	24mm, 0.98 lb./ft² (±10%)
Standard Sizes	48" W x 108" H
	Custom sizes available

Spine Wall Panel with Racetrack A Pattern in Wine Barrel and Umber

Spine Wall Panel with Ruler Pattern in Picket Fence and Marine

Technical

NRC Rating	**12mm**
	0.45, no air gap
	0.54, 12mm air gap
	0.64, 20mm air gap
	24mm
	0.60, no air gap
Fire Test	ASTM E84, Class A
	Flame spread index: 15
	Smoke developed index: 200
Water Sorption	ASTM C1104-2019 (A Modified)
	Water sorbed by weight: 0.20%
	(based on a 12mm thick panel)
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	Declare Certification - LBC Red List Free
	(third-party verified)
	SCS Global Indoor Advantage Gold

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

Spine Wall Panels 01/2025

2

WOODGRAIN

Boat Shed WQ02	**Picket Fence** WQ01	**Loft** WQ06	**Nordic Plank** WQ15	**White Oak** WQ13	**Baltic Birch** WQ12	**White Elm** WQ07	**Lyed Larch** WQ30
Woodland Fog WQ22	**Weathered Slate** WQ14	**French Bobbin** WQ08	**Boardwalk** WQ10	**Mountain Lodge** WQ24	**Wine Barrel** WQ03	**Natural Oak** WQ16	**Knotty Spruce** WQ29
Shadow Oak WQ28	**Driftwood** WQ21	**Mocha Legno** WQ25	**Teak** WQ18	**Fumed Oak** WQ19	**European Larch** WQ17	**Petrified Ash** WQ23	**Log Cabin** WQ04
Charred Larch WQ09	**Barn Door** WQ05	**Antique Chest** WQ11	**Scorched Timber** WQ26	**Espresso Oak** WQ27	**Black Walnut** WQ20		
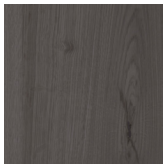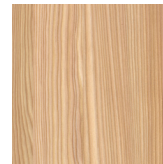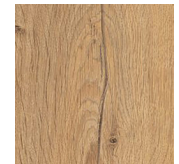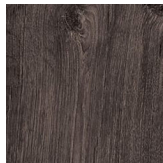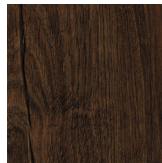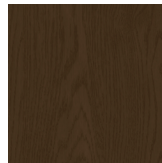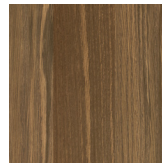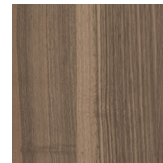
Order samples at **acoufelt.com/colorways**

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

Spine Wall Panels 01/2025

3

PREMIER

White WH12	Almond AL55	Celery CE65	Sencha SE58	Metal ME03	Flamingo FL61	Quartz QU67	Turmeric TU60
Platinum PL04	Pearl PE21	Pistachio PI25	Thistle TH28	Stonewash ST72	Amethyst AM69	Valentine VA70	Wheat WH68
Grey GR02	Ivory IV11	Eucalyptus EU71	Peacock PE20	Periwinkle PE23	Lilac LI13	Peach PE19	Popcorn PO26
Slate SL27	Umber UM54	Wasabi WA29	Sea Salt SE57	Marine MA15	Berry BE06	Peppercorn PE22	Carrot CA08
Charcoal CH01	Walnut WA56	Oregano OR18	Azure AZ05	Iris IR10	Flint FL64	Shiraz SH63	Currant CU59
Piano Black PI24	Midnight MI16	Kale KA12	Denim DE09	Granite GR62			
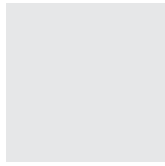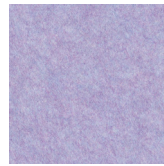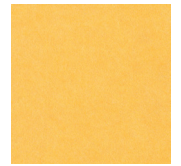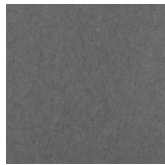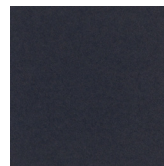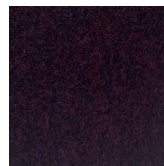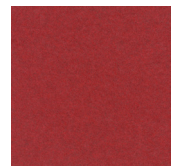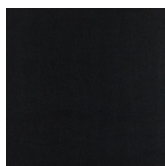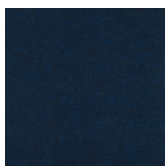
Call **800.966.8557** with questions or visit **acoufelt.com** for more product information, downloads, and colorways.

Spine Wall Panels 01/2025

4
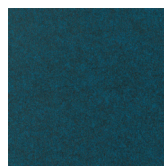
Sizes

Standard Sizes	48" W x 108" H
	Custom sizes available
Thickness	1/2", 12mm (±10%)
	1", 24mm (±10%)

Plan

Perspective

12mm thickness

24mm thickness

48" W

36" Top

36" Middle

108" H

36" Bottom

24" Left

24" Right

Spines in Premier colors only

12mm, 24mm backer panel
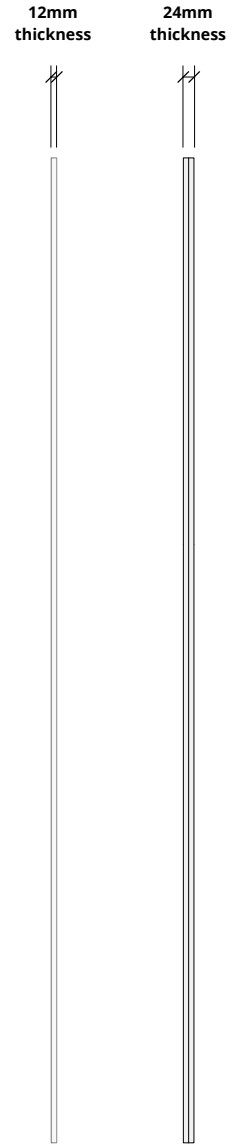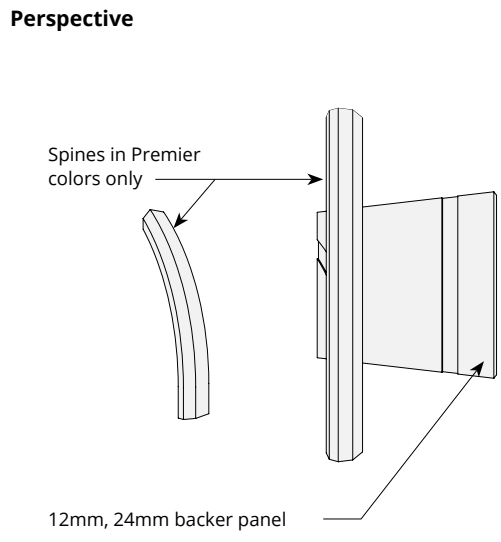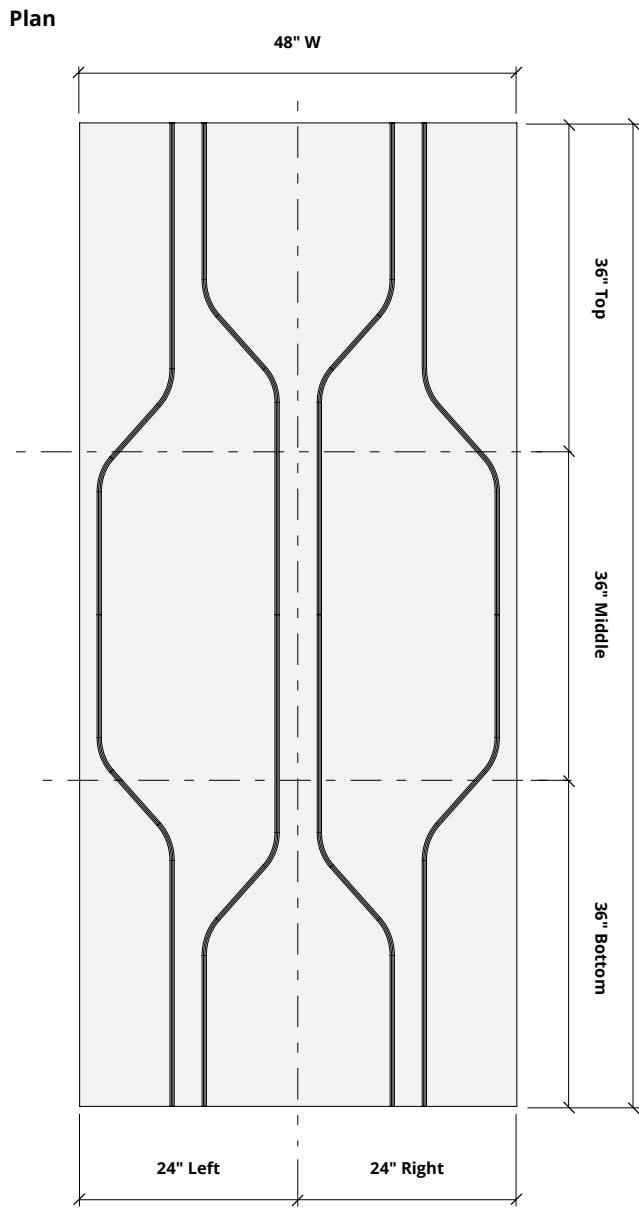
* Product available as full panels or as sections of a panel as filler pieces.
Choose any of the standard height or segments (i.e. bottom right, mddle left, etc) to fill the space as needed.

How to Specify

Select desired panel pattern. See recommended layouts for larger spaces. Multiple patterns can be specified together for a more dynamic design.
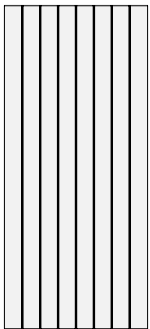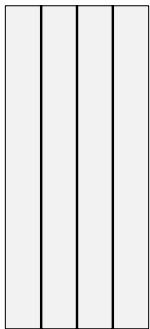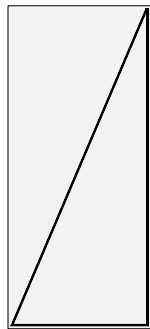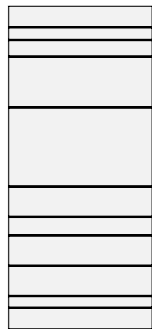
BARS A	**BARS B**	**CLEAVE**	**PANES A**	**PANES B**	**PIPELINE A**	**PIPELINE B**
RACETRACK A	**RACETRACK B**	**ROUNDABOUT**	**RULER**	**SCORED**	**STEMS A**	**STEMS B**
TULIP A	**TULIP B**					
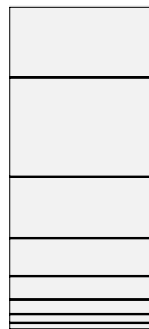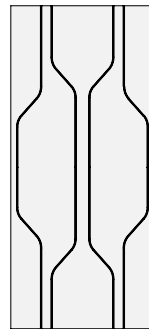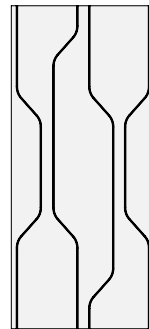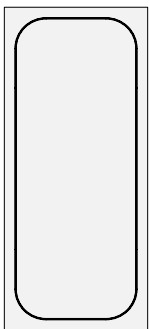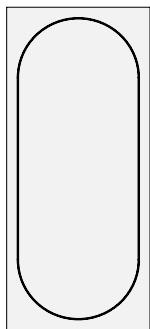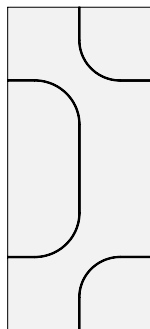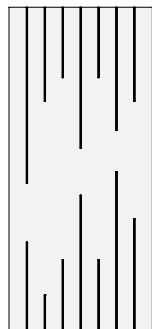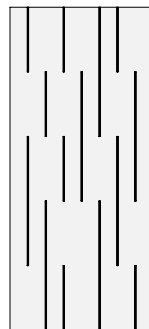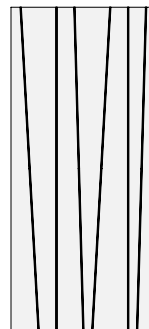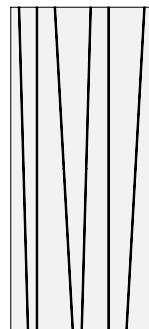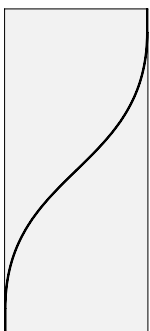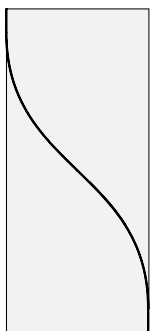
See colorways on page 3 and 4.

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

Spine Wall Panels 01/2025   6

Bars A
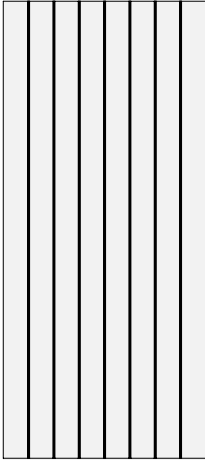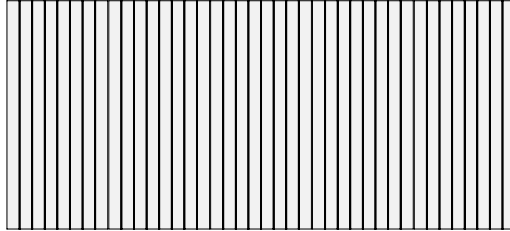
Layout 1

Layout 2

Bars B

Layout 1

Layout 2

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

Spine Wall Panels 01/2025

7

Cleave

Layout 1

Layout 2

Layout 3
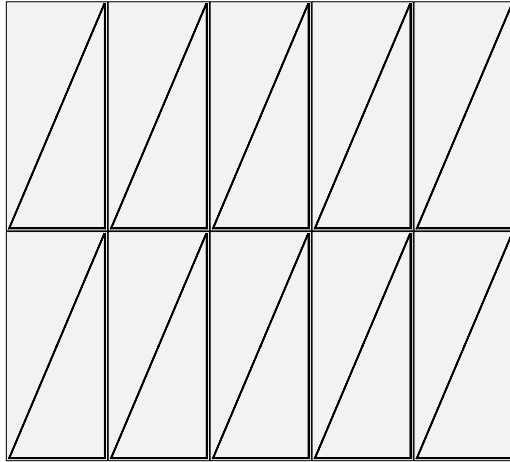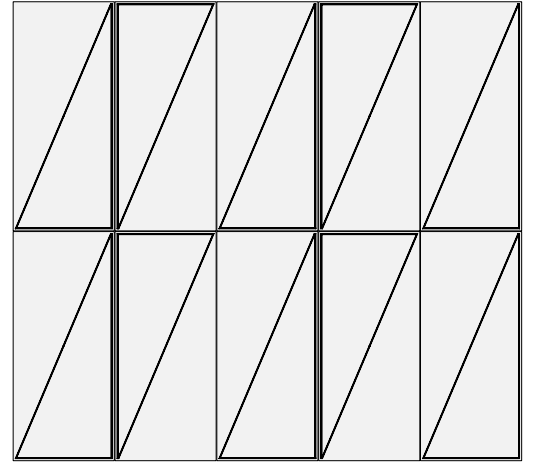
Layout 4

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

Spine Wall Panels 01/2025

8

Recommended Layouts

Panes A

Layout 1

Layout 2

Layout 3

Layout 4

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

Spine Wall Panels 01/2025

9

Panes B

Layout 1

Layout 2

Layout 3

Layout 4

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

Spine Wall Panels 01/2025

10
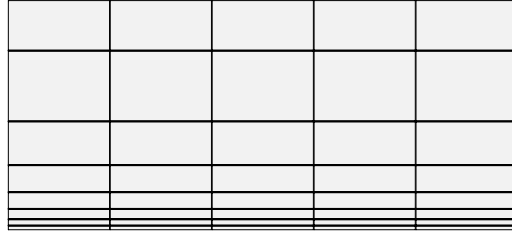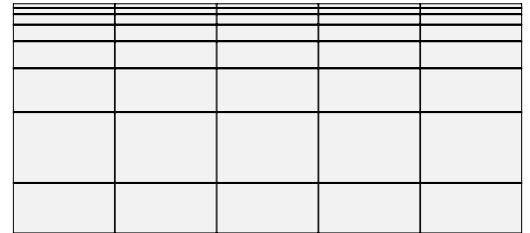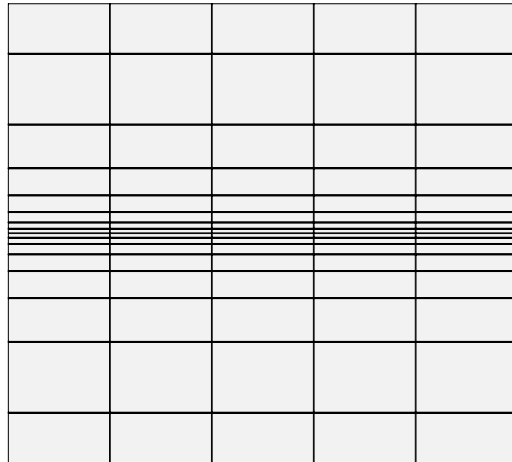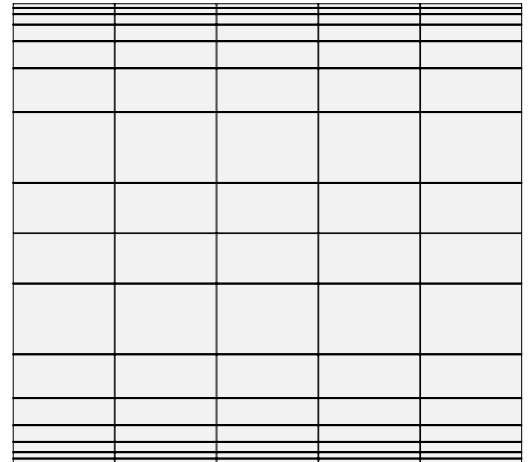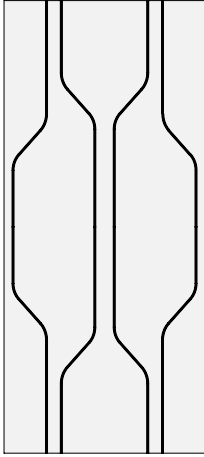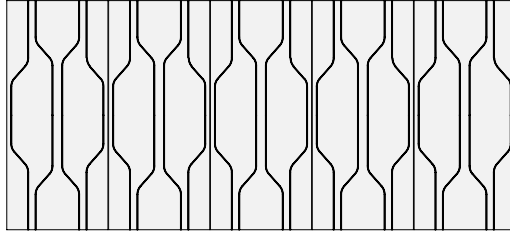
Pipeline A

Layout 1

Layout 2
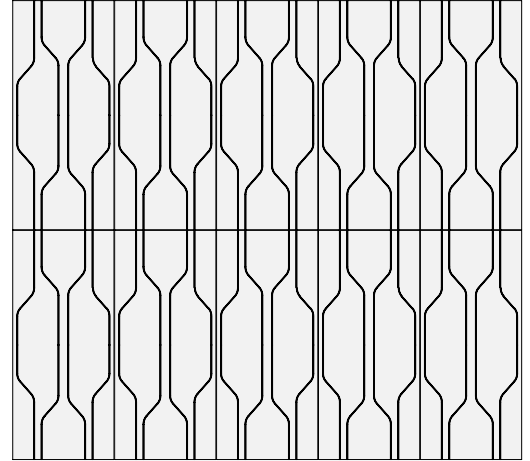
Pipeline B

Layout 1

Layout 2

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

Spine Wall Panels 01/2025

11
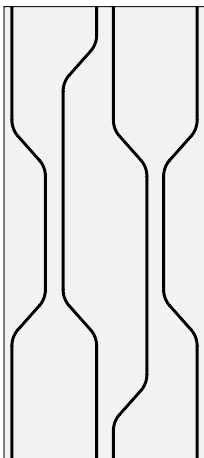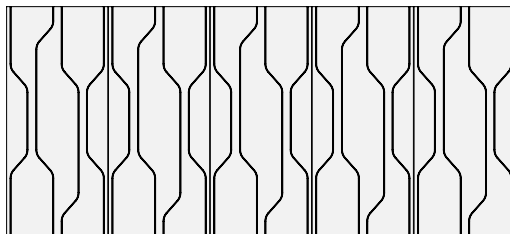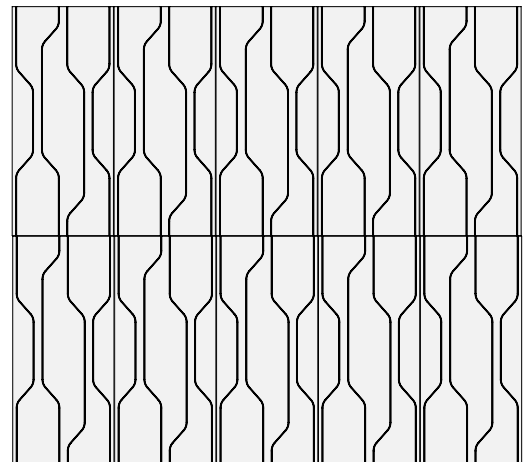
Recommended Layouts

Racetrack A
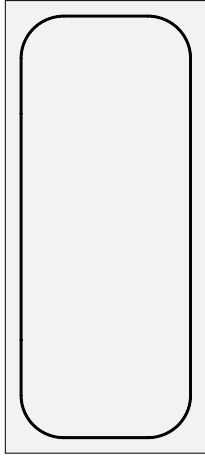
Layout 1
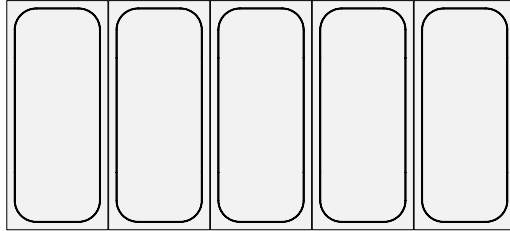
Layout 2
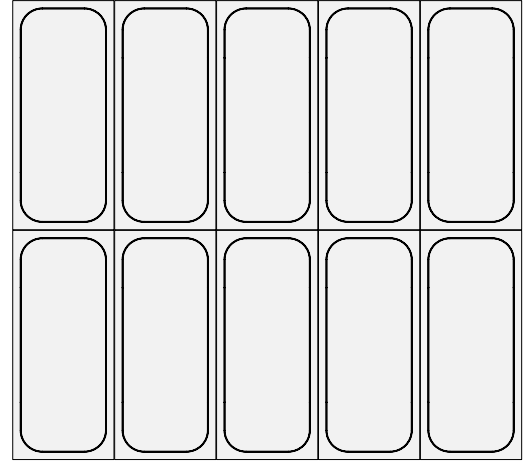
Racetrack B

Layout 1

Layout 2

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

Spine Wall Panels 01/2025
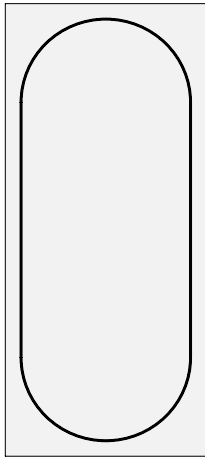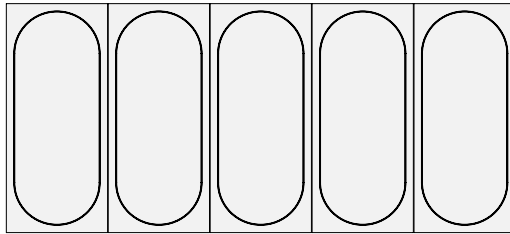
12
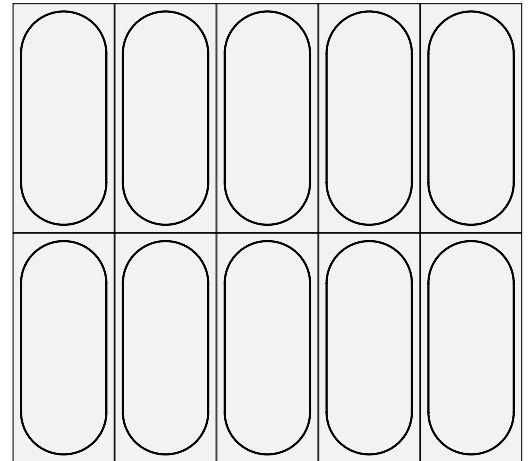
Recommended Layouts

Roundabout

Layout 1

Layout 2

Layout 3

Layout 4

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

Spine Wall Panels 01/2025

13
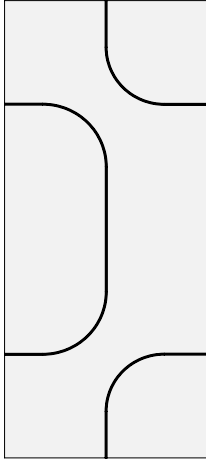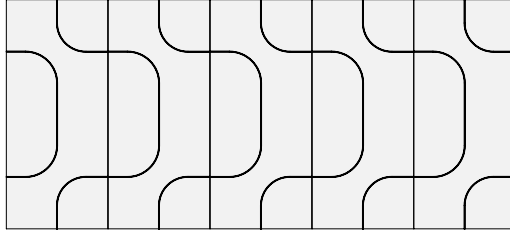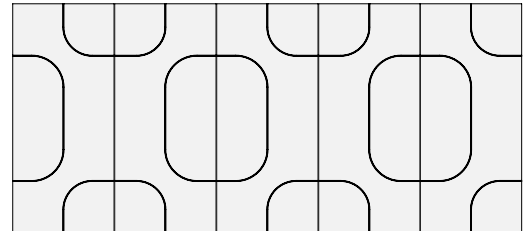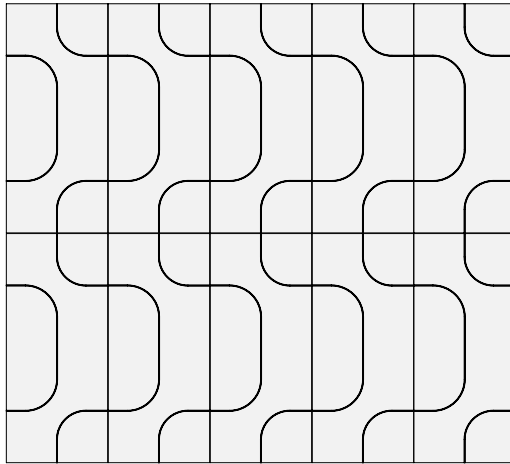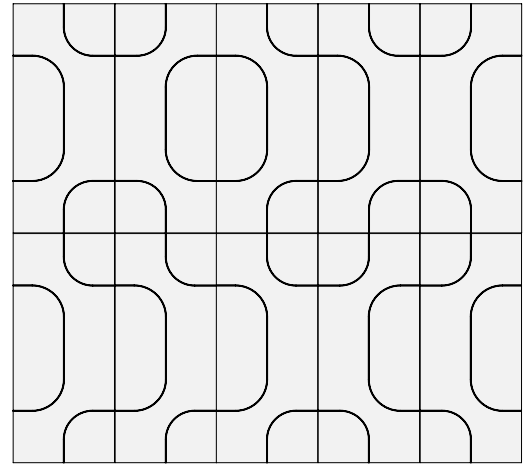
Recommended Layouts

Ruler

Layout 1

Layout 2

Layout 3

Layout 4

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

Spine Wall Panels 01/2025
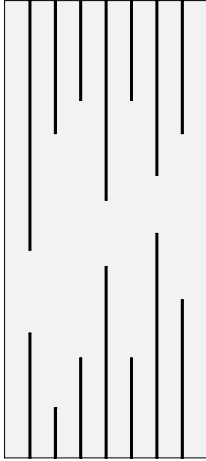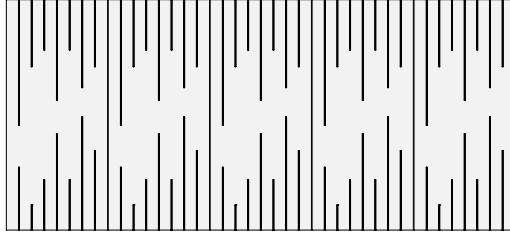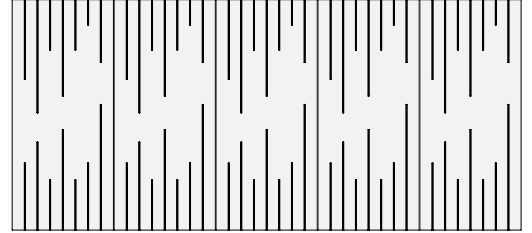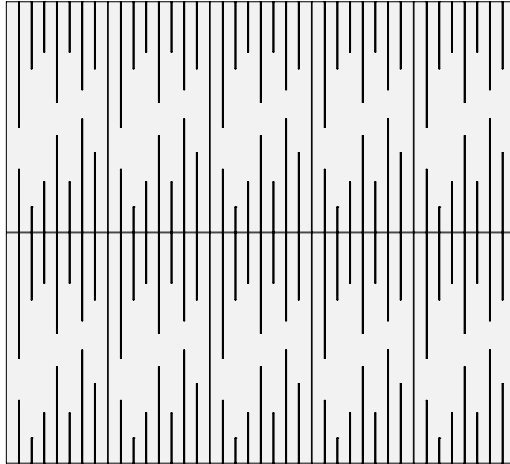
14
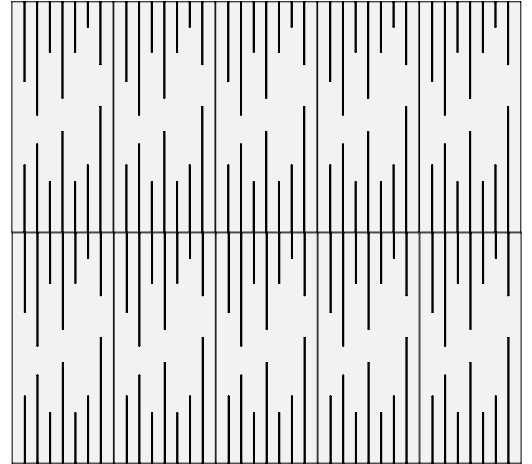
Recommended Layouts

Scored

Layout 1

Layout 2

Layout 3

Layout 4

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

Spine Wall Panels 01/2025

15
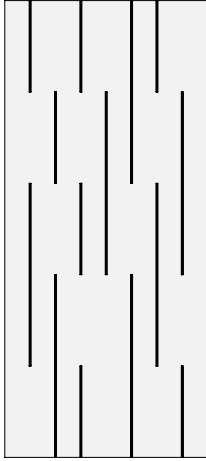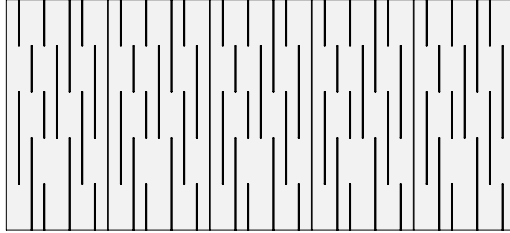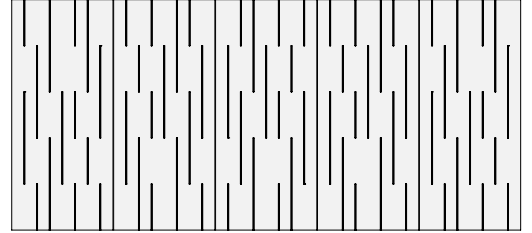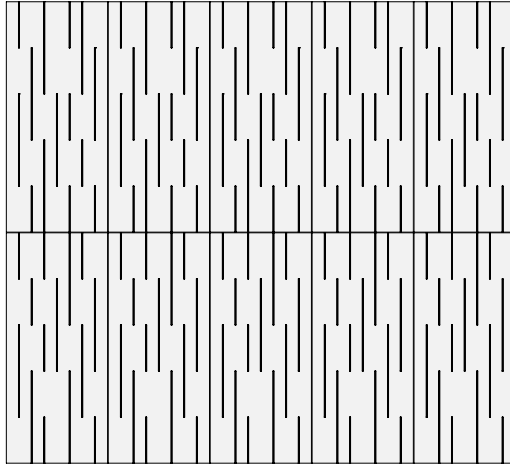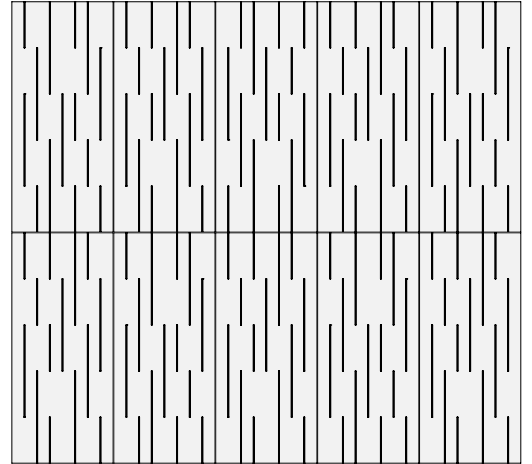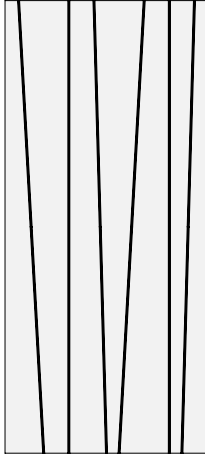
Stems A

Layout 1

Stems B

Layout 1

Layout 2

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

Spine Wall Panels 01/2025

16
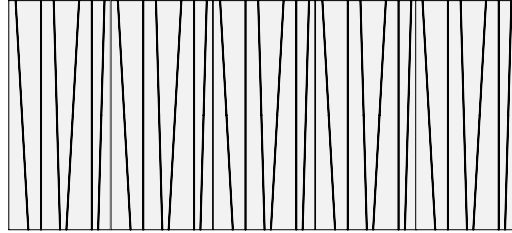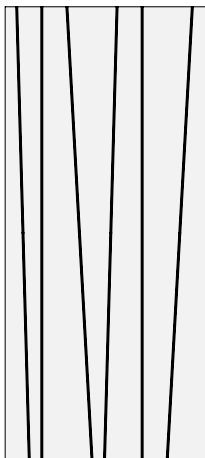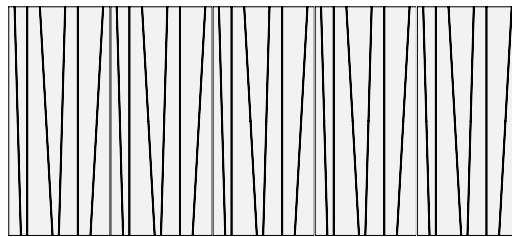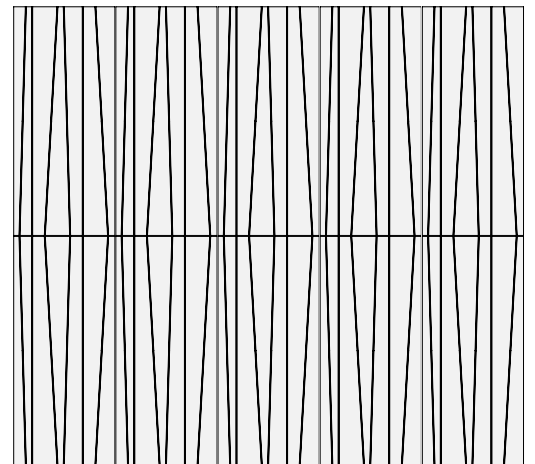
Tulip A

Layout 1

Layout 2 (50% Tulip A & 50% Tulip B)
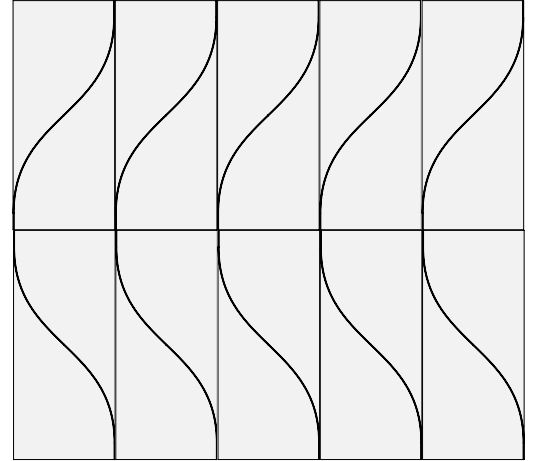
Tulip B

Layout 1

Layout 2 (50% Tulip A & 50% Tulip B)

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

Spine Wall Panels 01/2025

17
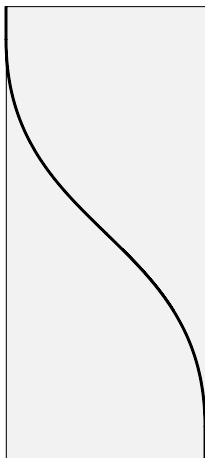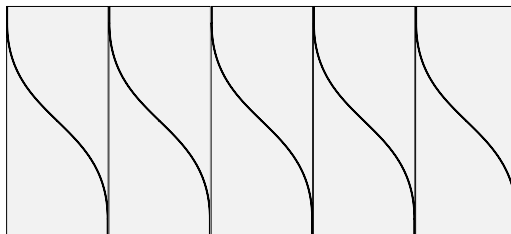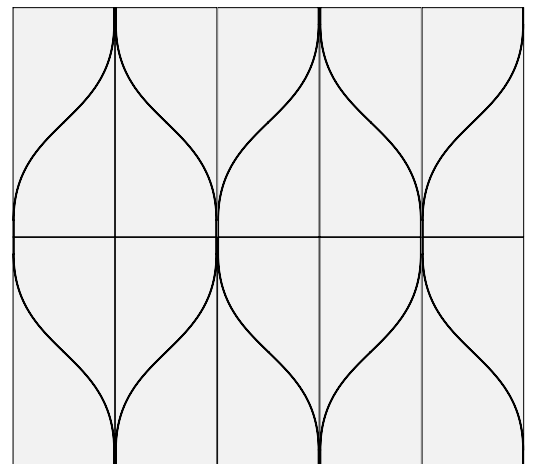
Mounting Methods

Adhesive backing

Panel

Adhesive

Release liner

Construction adhesive

Panel

Constructive adhesive
(by others)

Z-clip wall mount

Panel

Pre-applied z-clip
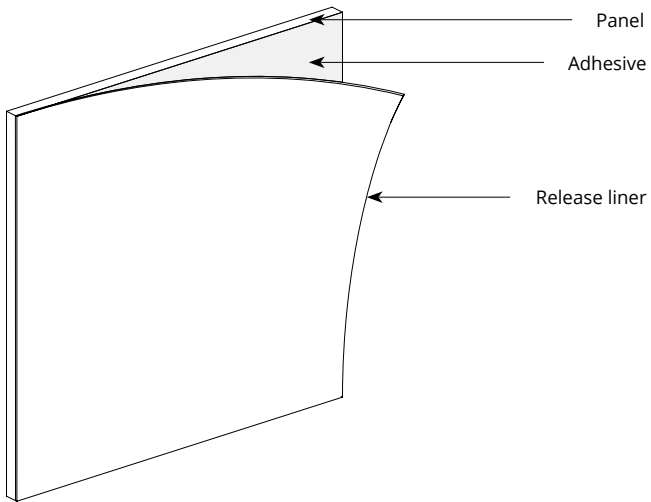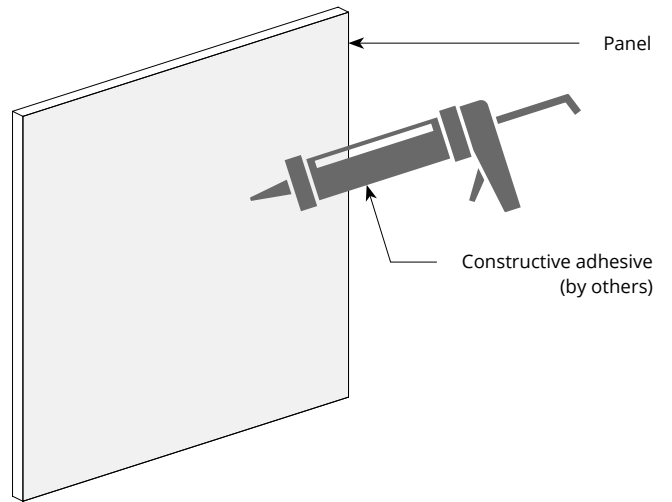
Z-clip for wall
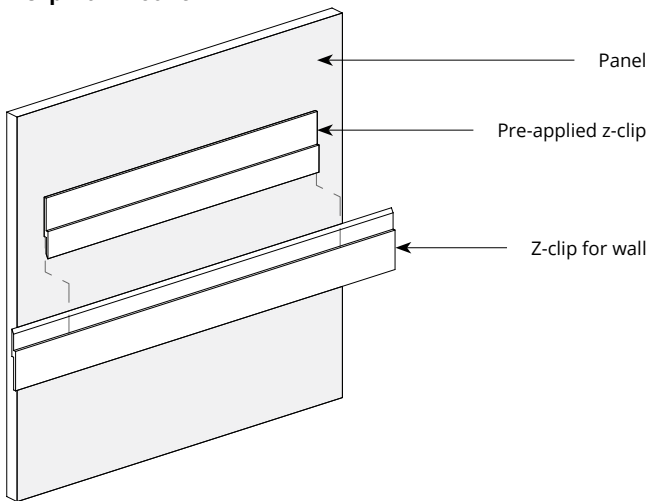
* For wall mount applications only.

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

Spine Wall Panels 01/2025

18

Acoustic Performance

Test Method	ASTM C423-09a
Install Method	A
Rating Method	ISO 11654-1997
Test Results	**12mm**
	NRC 0.45, no air gap
	NRC 0.54, 12mm air gap
	NRC 0.64, 20mm air gap
	SAA 0.43, no air gap
	SAA 0.54, 12mm air gap
	24mm
	NRC 0.60, no air gap
	SAA 0.55, no air gap
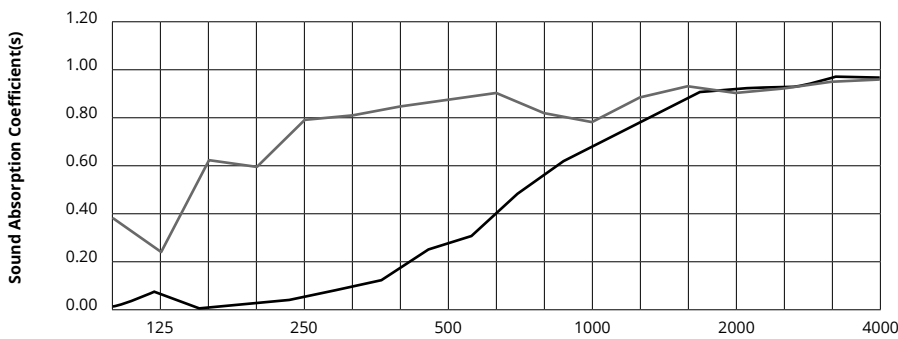
Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.06	0.02	0.23	0.61	0.89	0.95	0.45
24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60

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.

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

Spine Wall Panels 01/2025

19