

QuietForm Wall Panels

WoodGrain Collection

The QuietForm™ panel is a thermal-molded acoustic solution that combines striking three-dimensional wall designs with transformative soundscaping functionality. Available in a wide spectrum of WoodGrain options, QuietForm panels can be effortlessly installed over any existing wall surface. With a variety of designs to choose from and the flexibility to rotate panels for unique patterns, QuietForm empowers creativity while enhancing both aesthetics and acoustic performance.

Specifications

Surface	Wall
Material	FilaSorb™ polyester felt
Thickness	1/2", 8mm (±10%) range to 1", 24mm (±10%)
Weight	0.49 lb./ft ² (±10%) 0.98 lb./ft ² (±10%)
Standard Sizes	48" W x 110" H Geometry pattern, 108" H



QuietForm Wall Panel with Pathway Pattern in Boat Shed

Technical

NRC Rating	12mm 0.45, no air gap 0.60, 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
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	Health Product Declaration (HPD)** Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners.

** HPD only applies to 12mm thickness.



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

Colorways

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



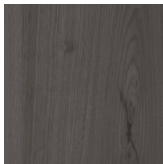
Wine Barrel
WQ03



Natural Oak
WQ16



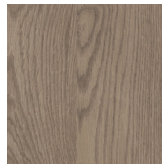
Knotty Spruce
WQ29



Shadow Oak
WQ28



Driftwood
WQ21



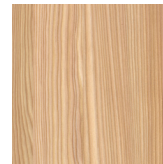
Mocha Legno
WQ25



Teak
WQ18



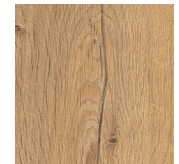
Fumed Oak
WQ19



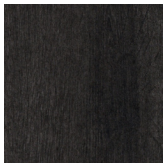
European Larch
WQ17



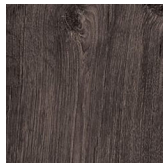
Petrified Ash
WQ23



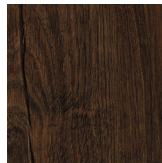
Log Cabin
WQ04



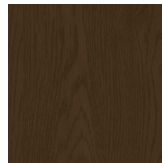
Charred Larch
WQ09



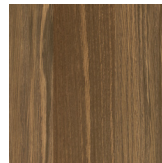
Barn Door
WQ05



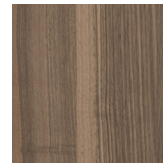
Antique Chest
WQ11



Scorched Timber
WQ26



Espresso Oak
WQ27



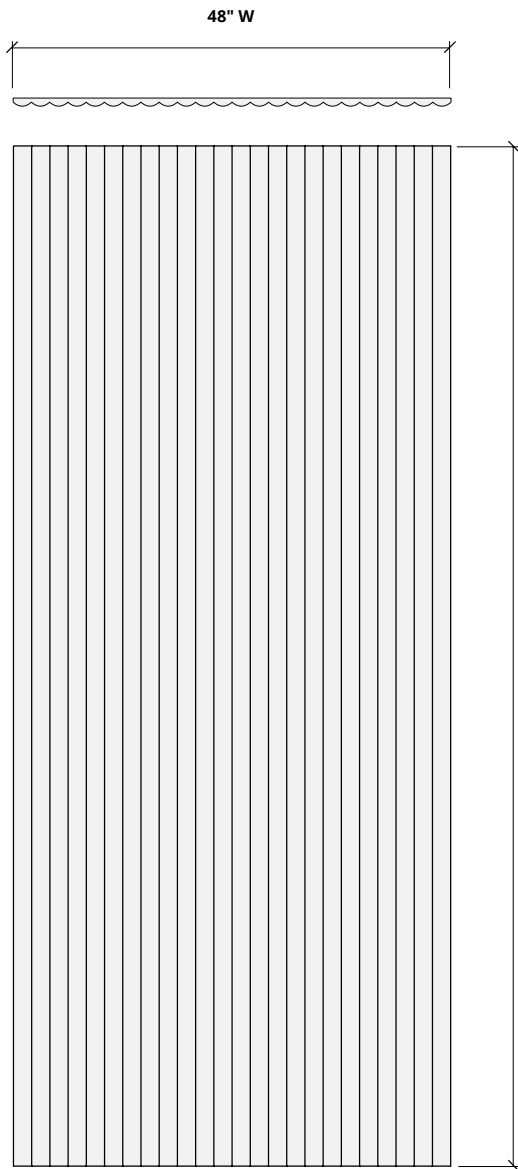
Black Walnut
WQ20

Order samples at acoufelt.com/colorways

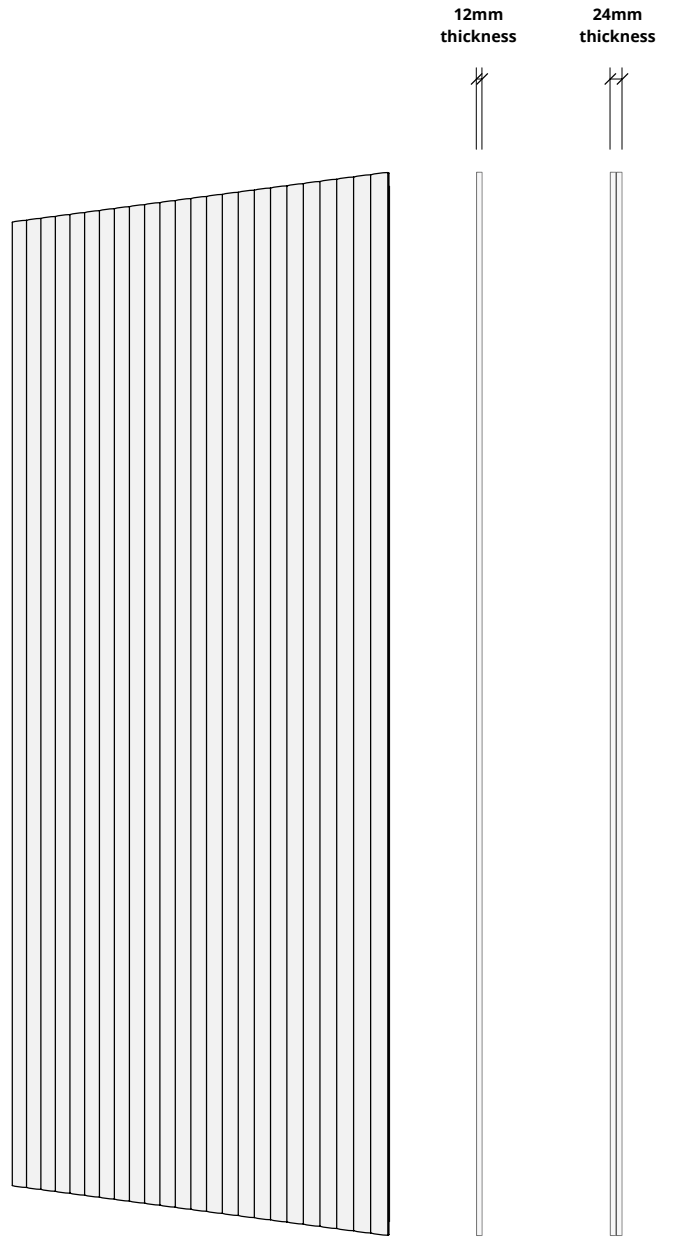
Sizes

Standard Sizes	48" W x 110" H Geometry pattern, 108" H
Thickness	1/2", 8mm (±10%) range to 1", 24mm (±10%)

Plan



Perspective

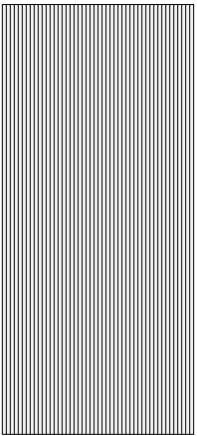


How to Specify

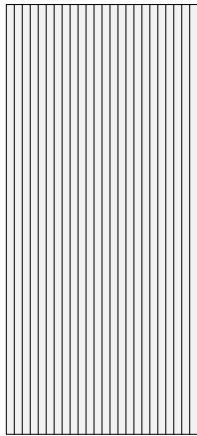
1. Choose Panel Pattern

2. Choose Colorways

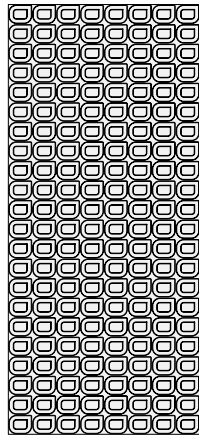
Select desired panel pattern. See recommended layouts for larger designs.



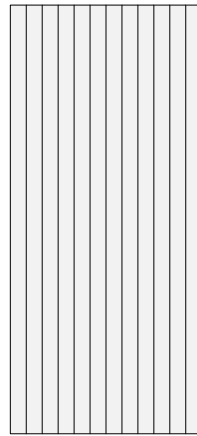
CELESTIAL A



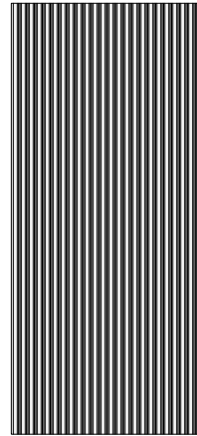
CELESTIAL B



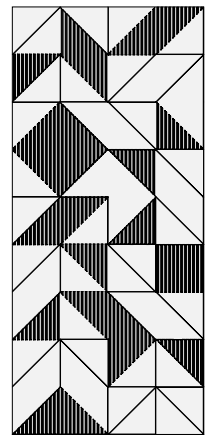
DEWDROPS



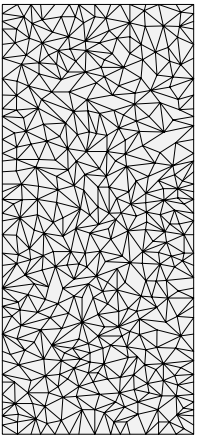
FENCE



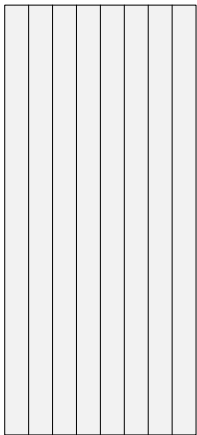
FURROWED



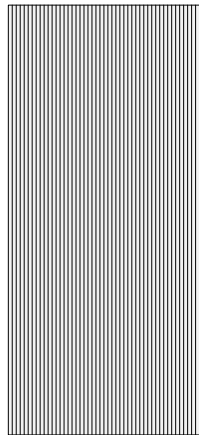
GEOMETRY



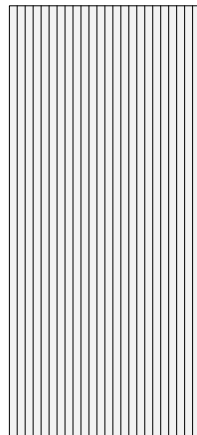
KALOS



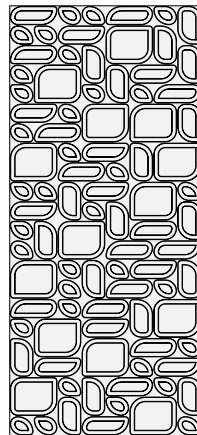
PATHWAY



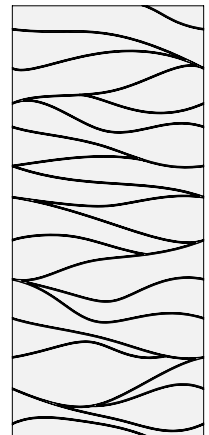
RIBBED A



RIBBED B



STONEWALL



STREAM

1. Choose Panel Pattern

2. Choose Colorways

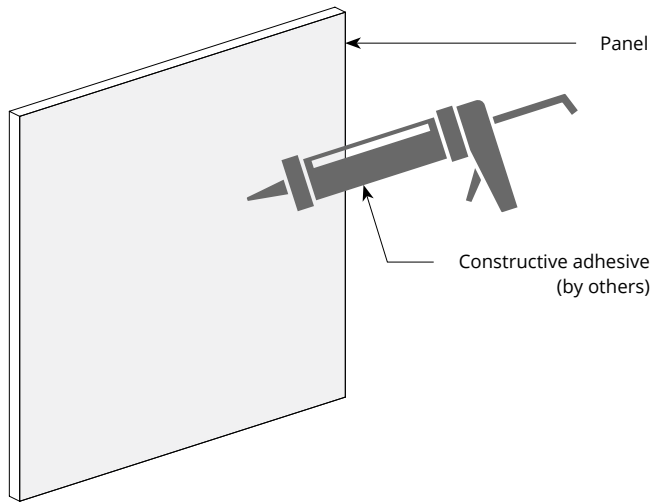
See colorways on page 3.



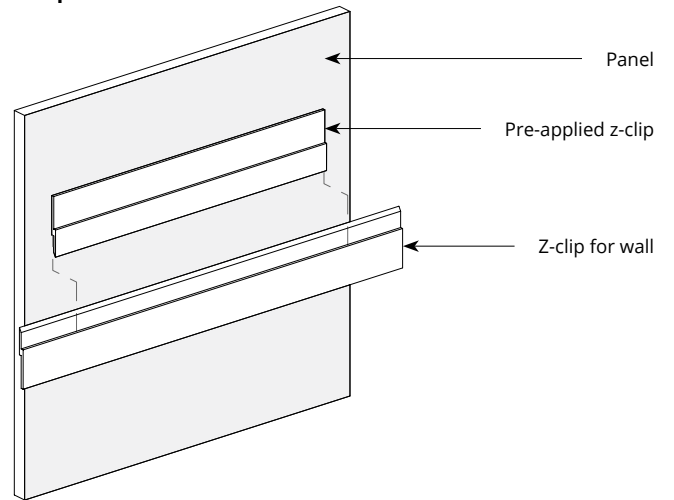
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Mounting Methods

Construction adhesive



Z-clip wall mount

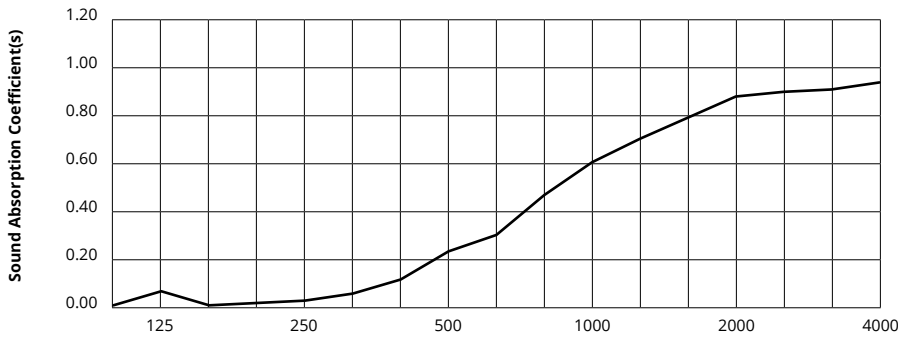


** For wall mount applications only.*



Acoustic Performance

Test Method	ISO 354-2006
Install Method	A
Rating Method	ISO 11654-2002
Test Results	NRC 0.45, no air gap NRC 0.60, 20mm air gap NRC 0.75, 50mm air gap SAA 0.43, no air gap SAA 0.61, 20mm air gap SAA 0.72, 50mm 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

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.