acoufelt

Fracture

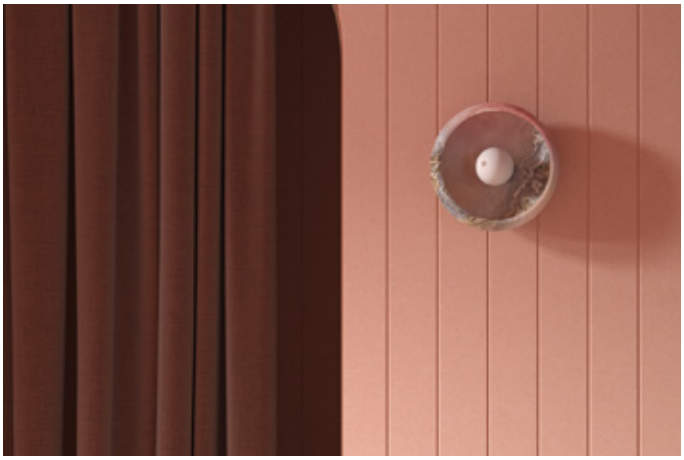
Wall Panels

Premier Collection

Fracture panels are an acoustic wall treatment precision carved with a beveled groove into a series of directional linework designs. Install these panels together to create spectacular, full-scale patterns of rich color, depth, shadow, and texture.

Specifications

Surface	Wall
Material	FilaSorb™ polyester felt
Weight	12mm **-** 2400gsm 24mm - 4800 gsm
Standard Sizes	1220 x 2743mm *Custom sizes available*



Fracture Wall Panel with Fineline Pattern in Flamingo

Fracture Wall Panel with Wavelength Pattern in Wasabi

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	AS ISO 9705:2003 According to AS 5637.1:2015 requiremnets Group 1 0.93
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

** Test results available upon request.*

Details

Lead Time	Refer to Product lead time matrix
Origin	Australia
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

** PET is recyclable through participating partners.*

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Colorways

White
WH12

Milkyway
MI74

Ivory
IV11

Pearl
PE21

Valentine
VA70

Quartz
QU67

Stonewash
ST72

Sea Salt
SE57

Platinum
PL04

Almond
AL55

Pistachio
PI25

Turmeric
TU60

Flamingo
FL61

Amethyst
AM69

Periwinkle
PE23

Peacock
PE20

Metal
ME03

Mushroom
MU75

Celery
CE65

Wheat
WH68

Peach
PE19

Lilac
LI13

Marine
MA15

Sencha
SE58

Grey
GR02

Umber
UM54

Wasabi
WA29

Popcorn
PO26

Currant
CU59

Berry
BE06

Azure
AZ05

Oregano
OR18

Charcoal
CH01

Walnut
WA56

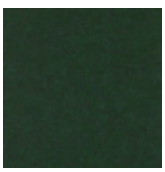
Eucalyptus
EU71

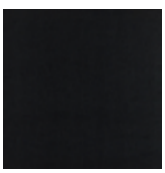
Carrot
CA08

Loganberry
LO77

Granite
GR62

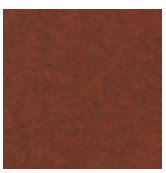
Denim
DE09

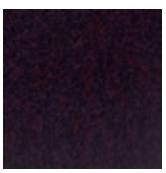

Kale
KA12

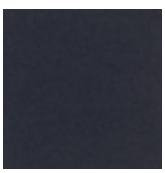

Piano Black
PI24

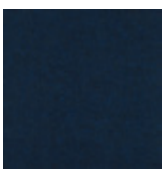
Slate
SL27

Nori
NO76


Peppercorn
PE22


Shiraz
SH63


Flint
FL64


Midnight
MI16

For questions or additional product information,
visit **acoufelt.com.au** or call **1800 626 462**

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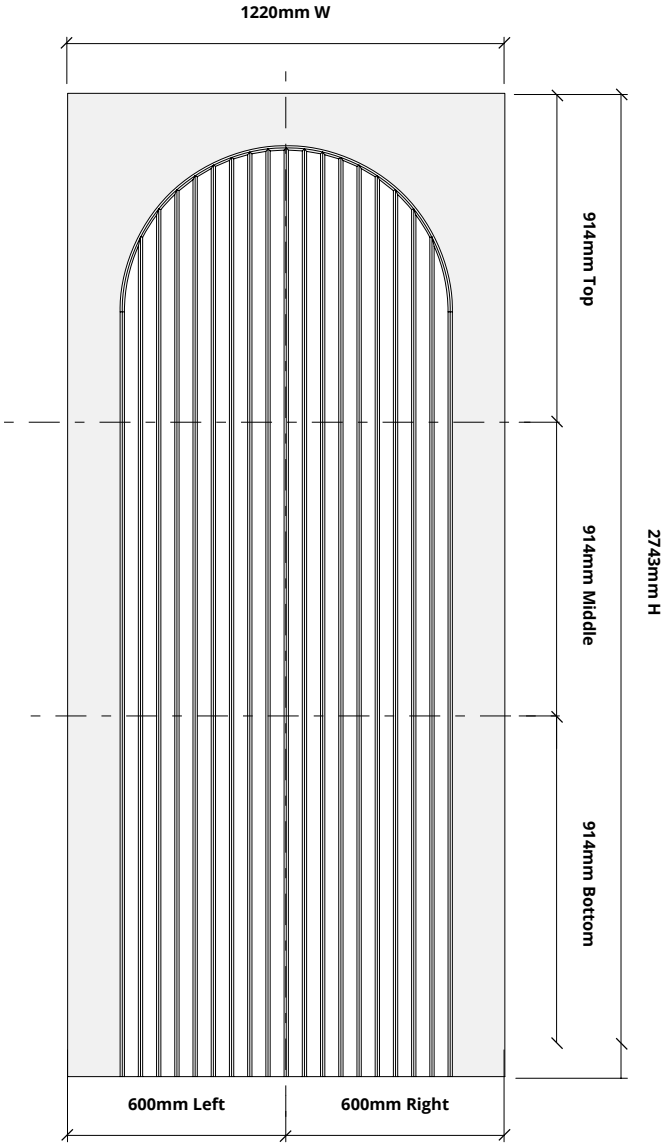
Sizes

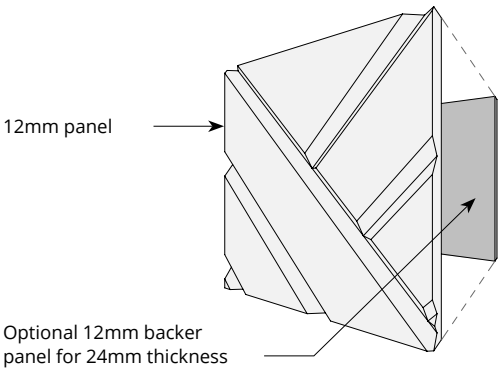
Standard Sizes 1200 x 2743mm

Custom sizes available

Plan



Perspective



** 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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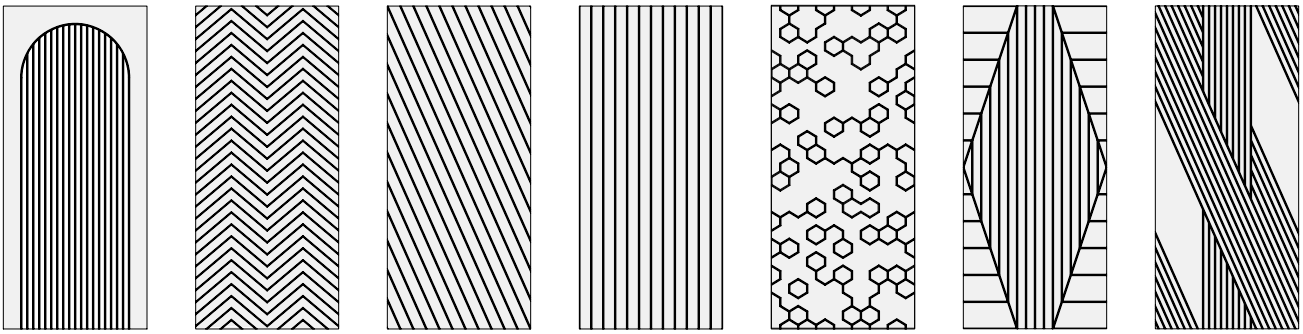
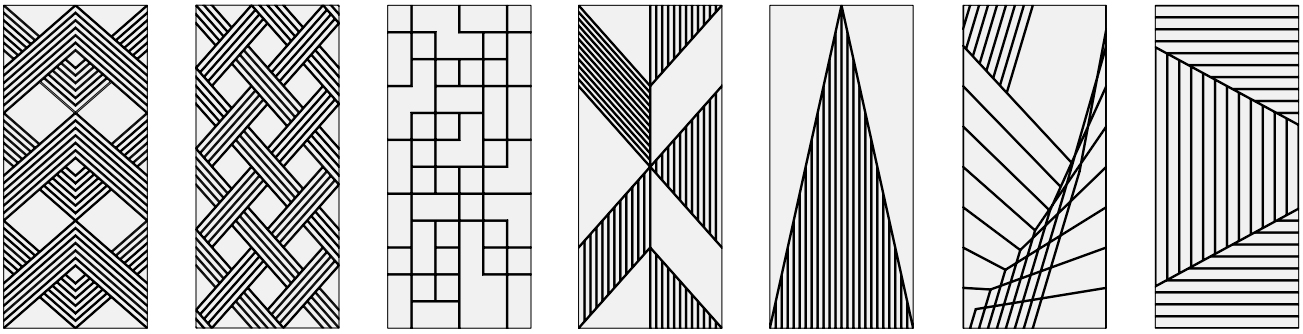
How to Specify

1. Choose Panel Pattern **2. Choose Colorways**

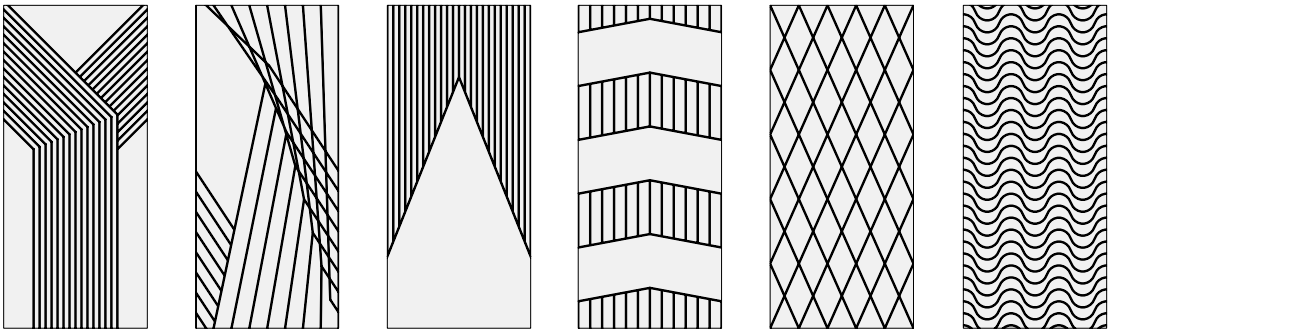
Select desired panel pattern. See recommended layouts for larger designs.



ARCH CHEVRON DIAGONAL FINELINE FORMULA HARLEQUIN INTERSECT



KNIT LATTICE MAZE METROPOLIS PENNANT PRISM PULSE



ROWHOUSE SPIROGRAPH SUMMIT TRACK TRELLIS WAVELENGTH

1. Choose Panel Pattern **2. Choose Colorways**

See colorways on page 3.

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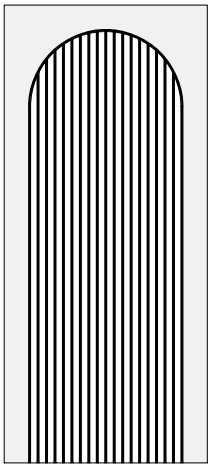
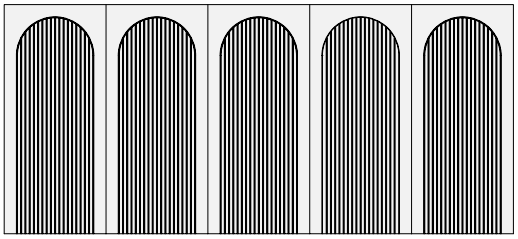
Recommended Layouts

Arch



Layout 1



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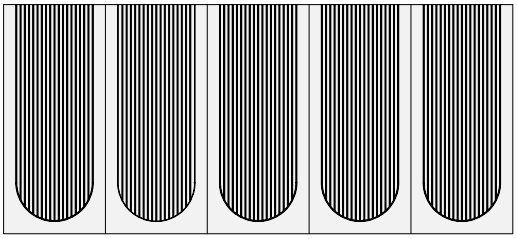

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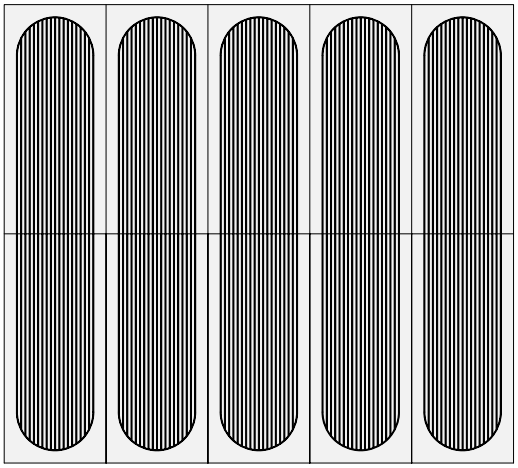

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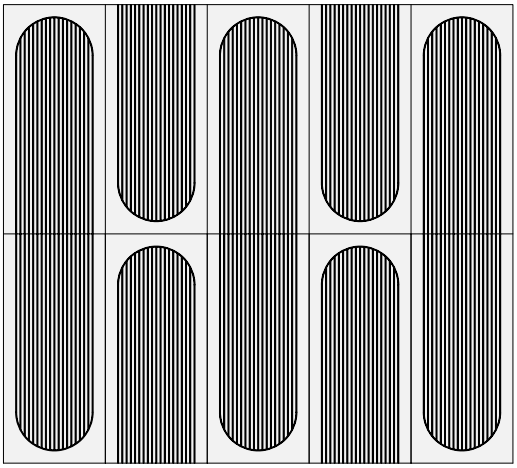

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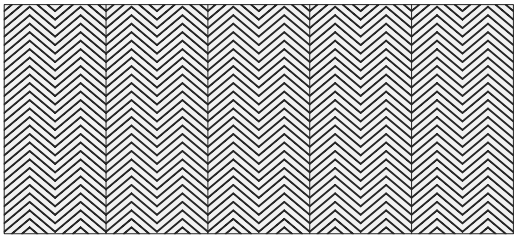
Recommended Layouts

Chevron

Layout 1



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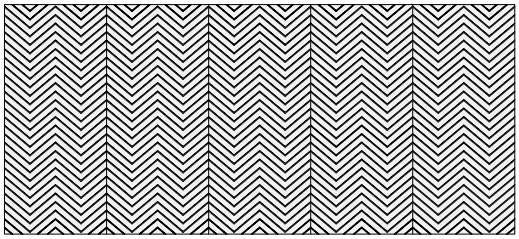

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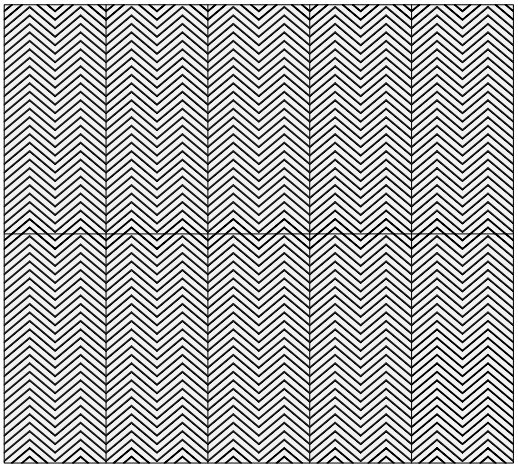

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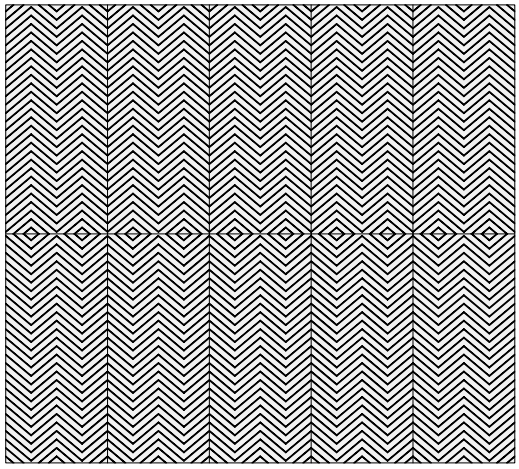

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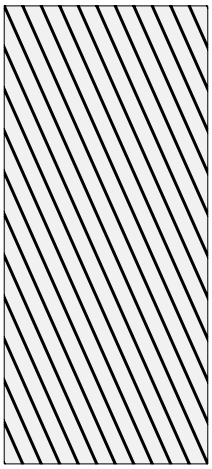
Recommended Layouts

Diagonal



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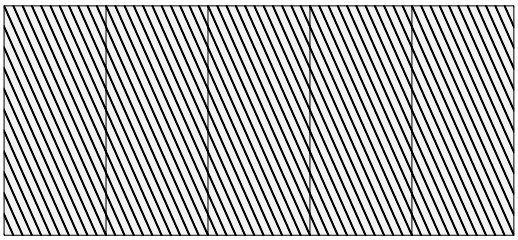

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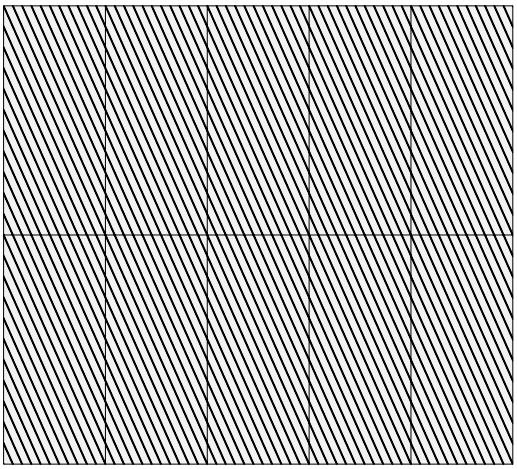

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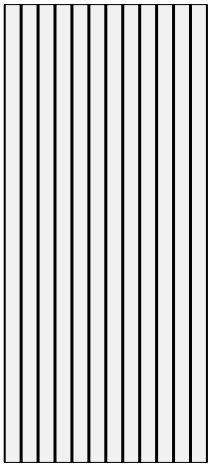
Recommended Layouts

Fineline



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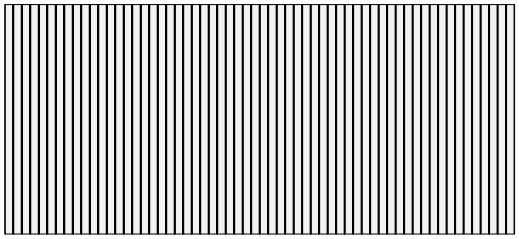

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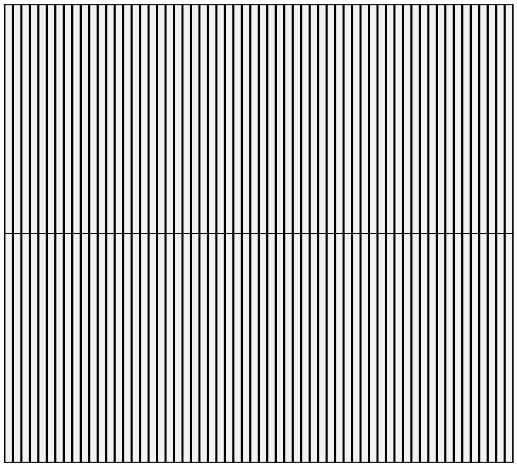

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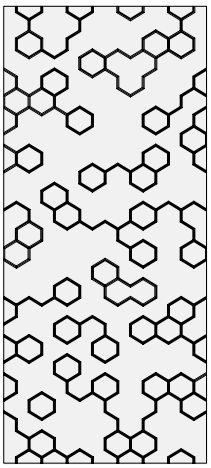
Recommended Layouts

Formula



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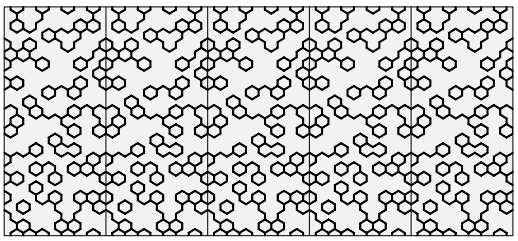

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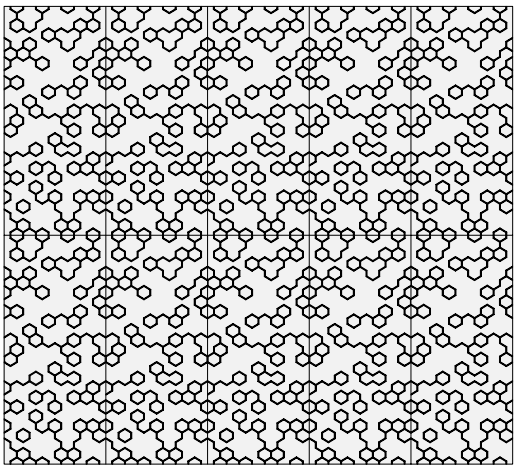

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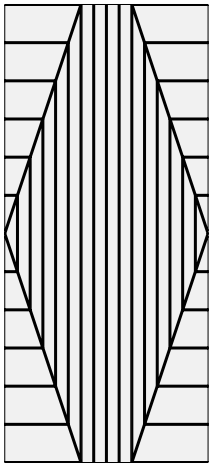
Recommended Layouts

Harlequin



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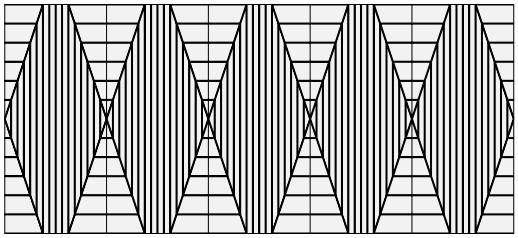

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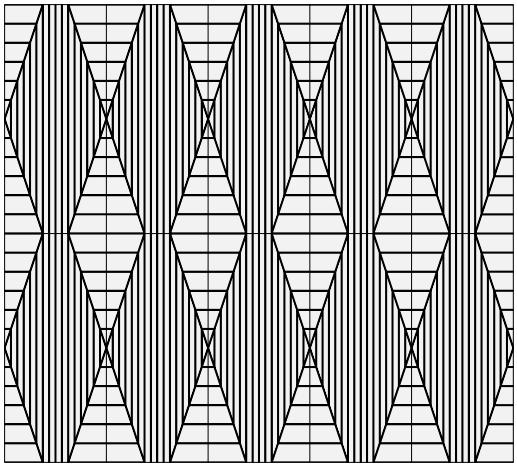

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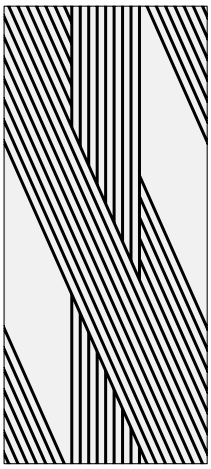
Recommended Layouts

Intersect



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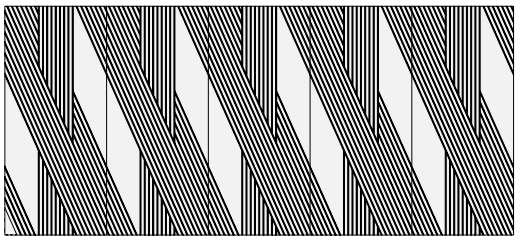

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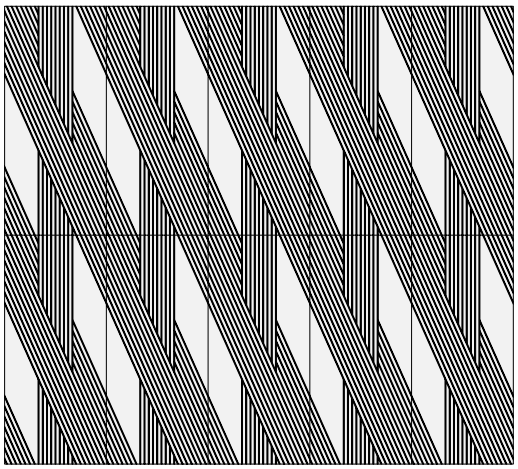

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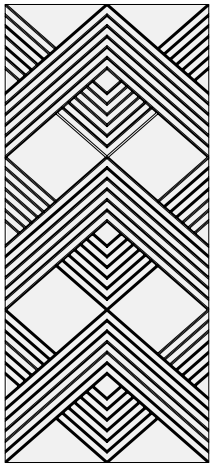
Recommended Layouts

Knit



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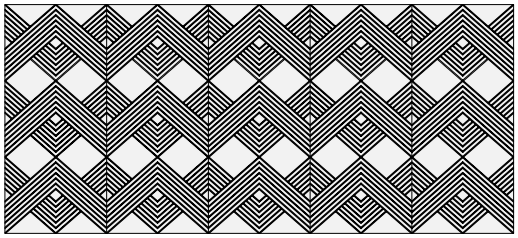

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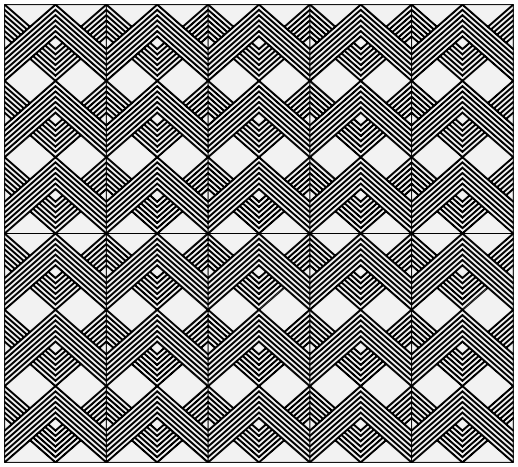

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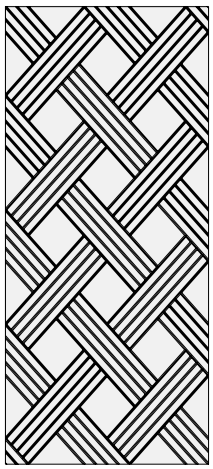
Recommended Layouts

Lattice



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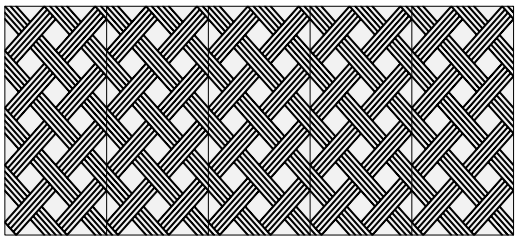

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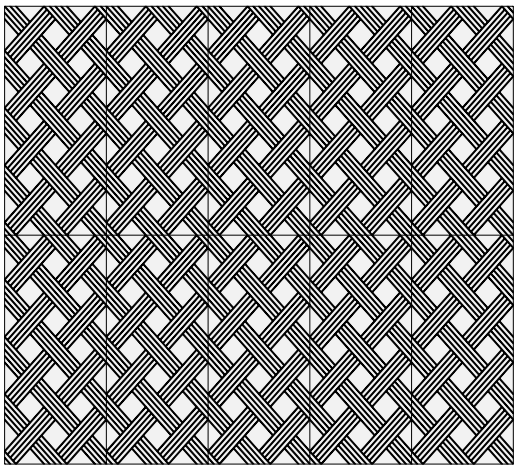

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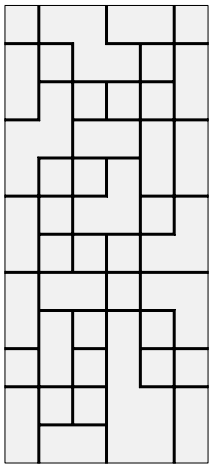
Recommended Layouts

Maze



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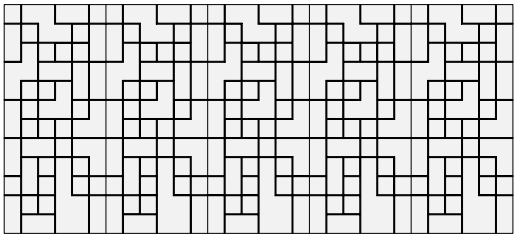

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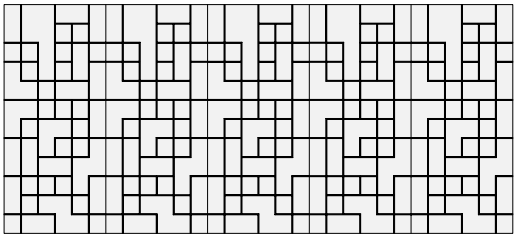

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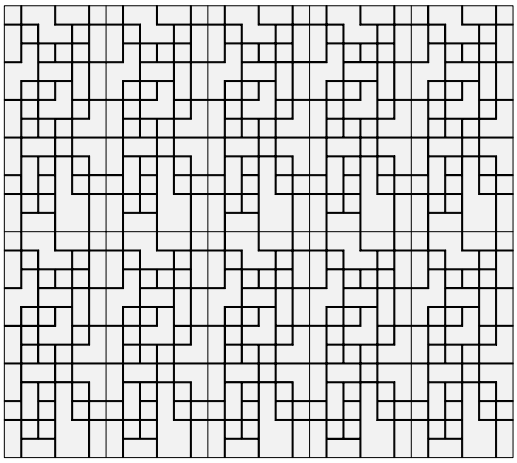
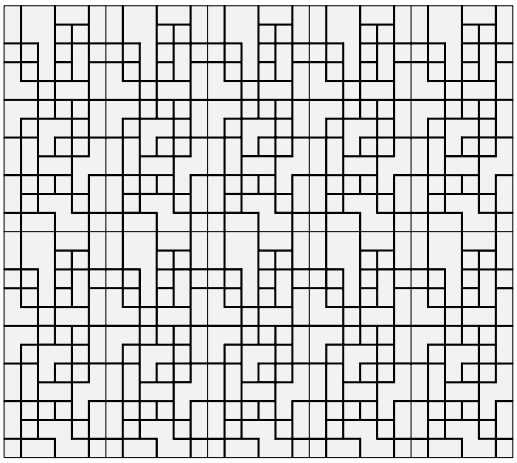


Layout 4



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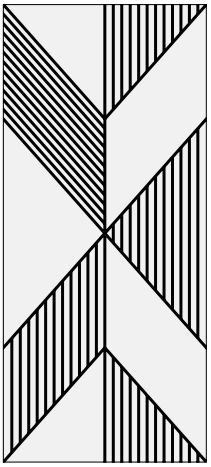
Recommended Layouts

Metropolis



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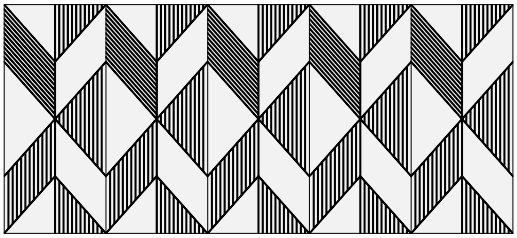

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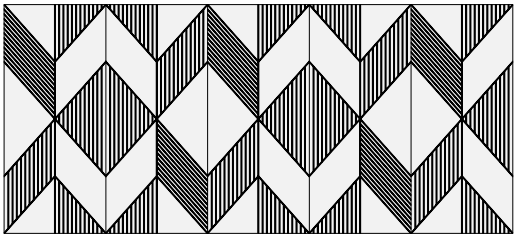

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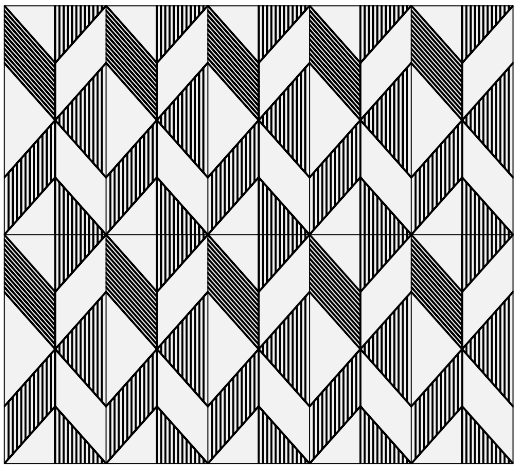

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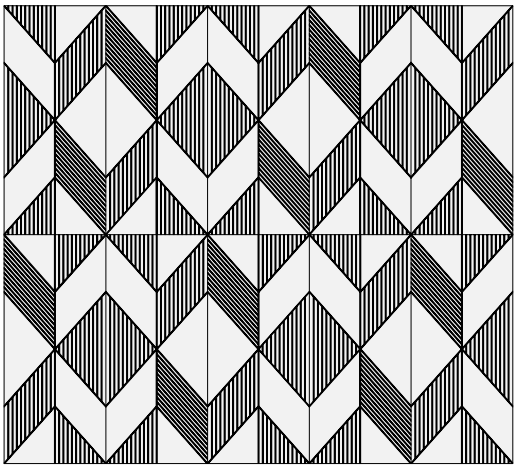

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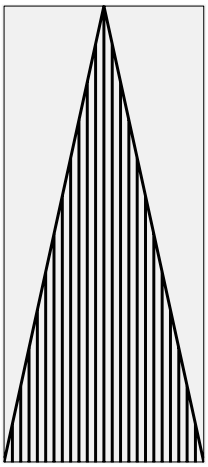
Recommended Layouts

Pennant



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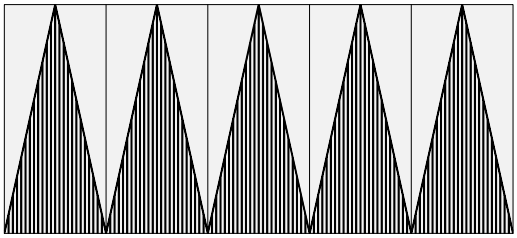

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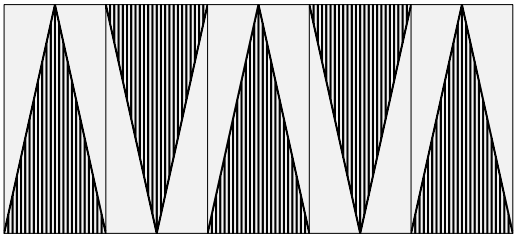

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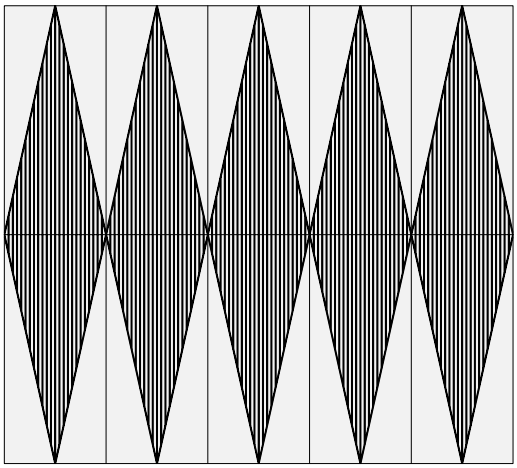

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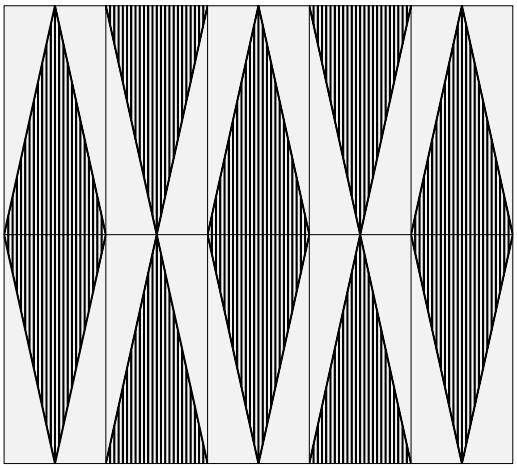

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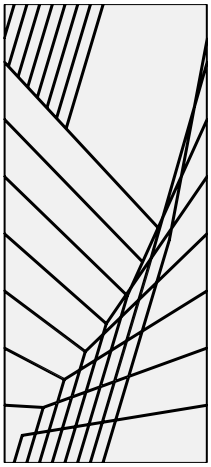
Recommended Layouts

Prism



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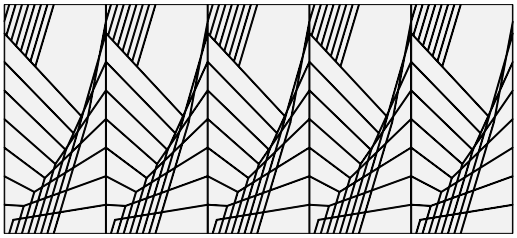

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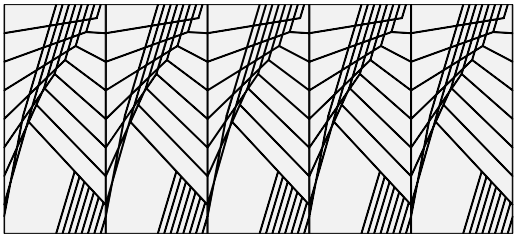

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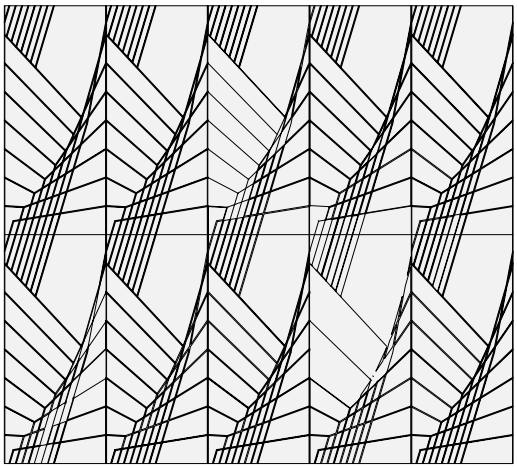

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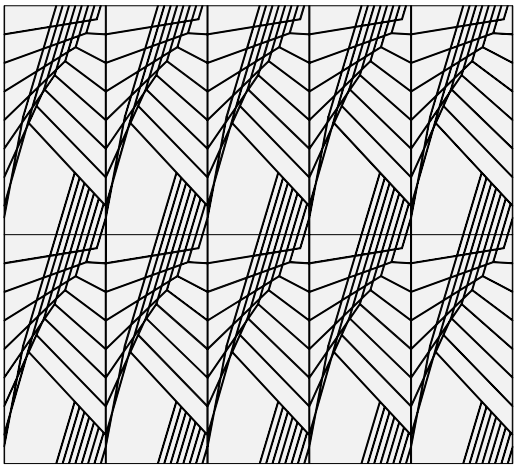

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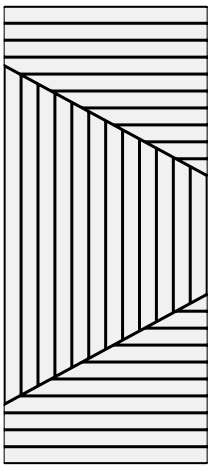
Recommended Layouts

Pulse



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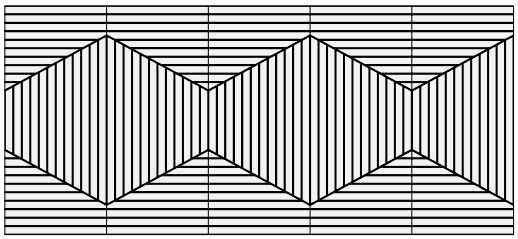

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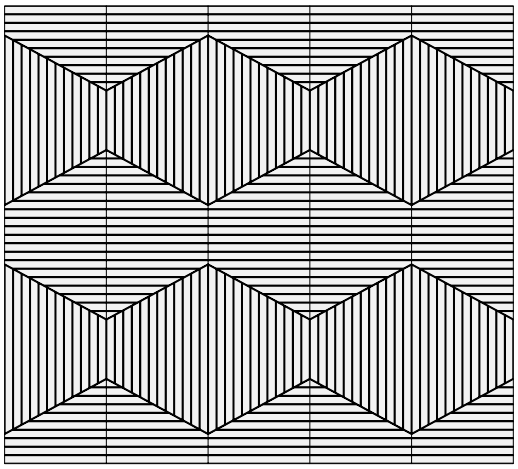

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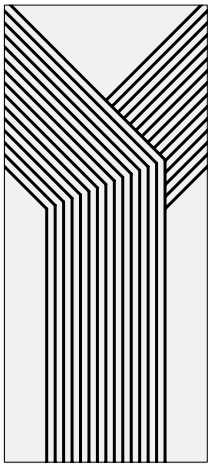
Recommended Layouts

Rowhouse



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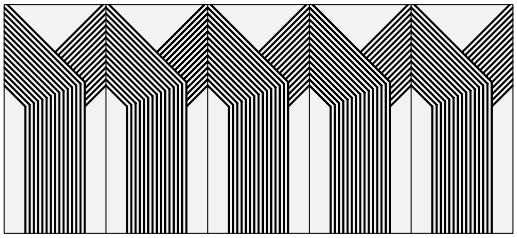

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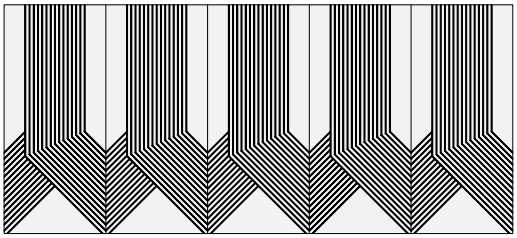

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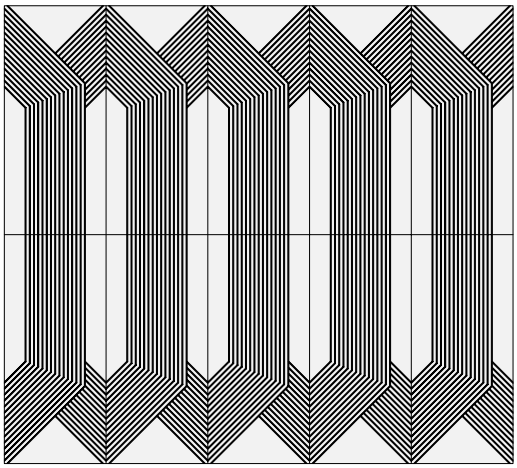

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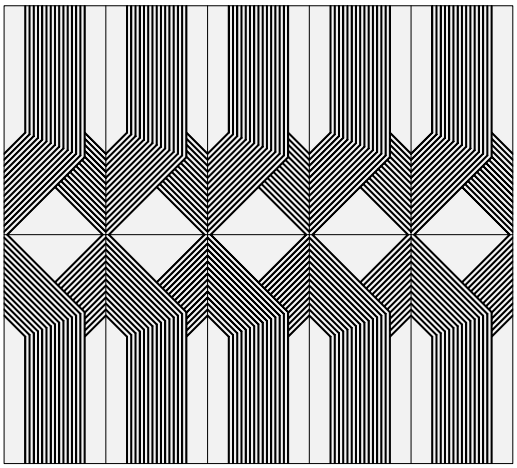

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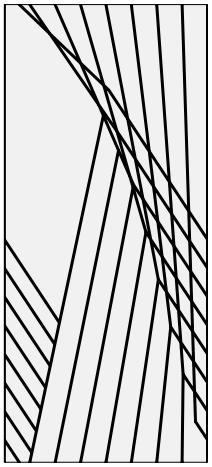
Recommended Layouts

Spirograph



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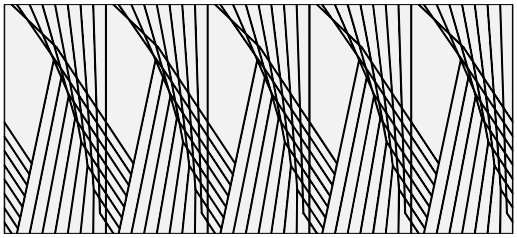

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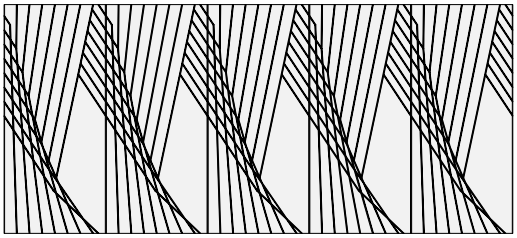

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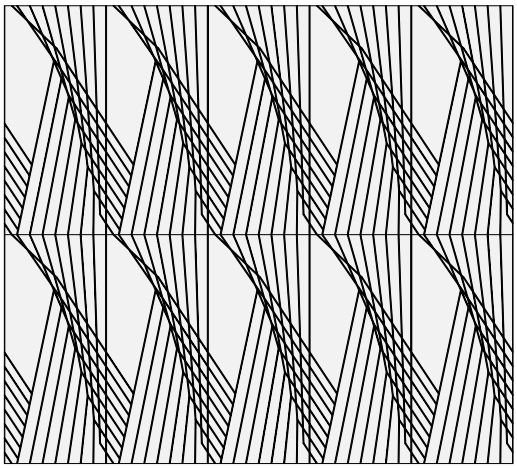

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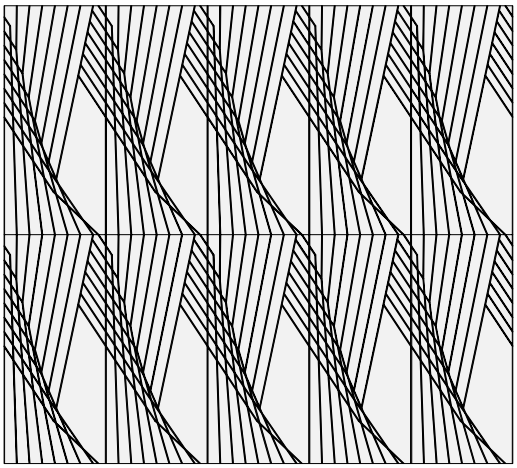

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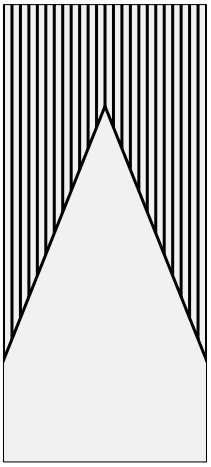
Recommended Layouts

Summit



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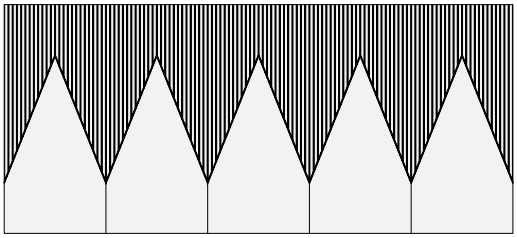

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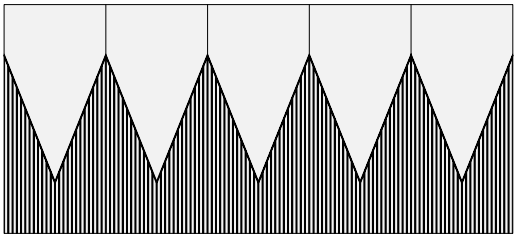

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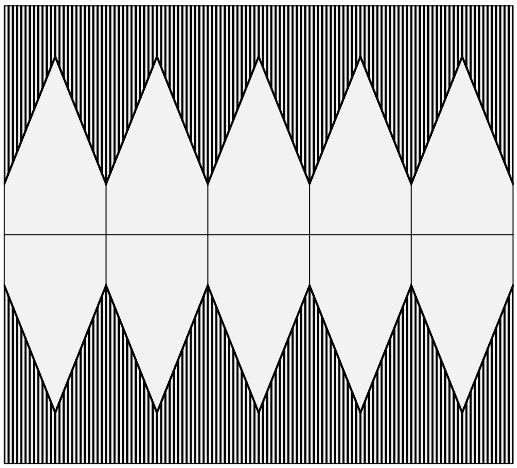

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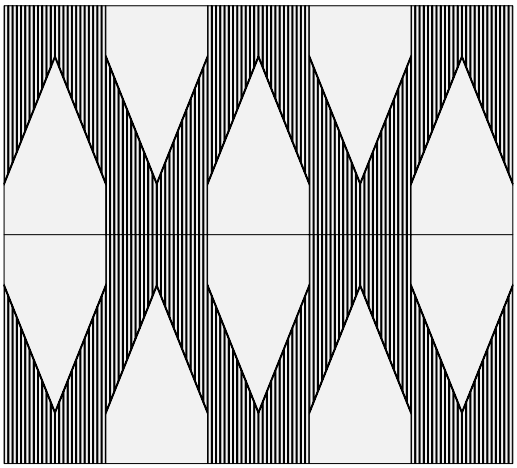

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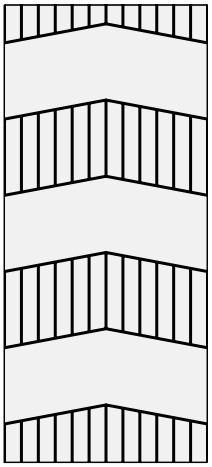
Recommended Layouts

Track



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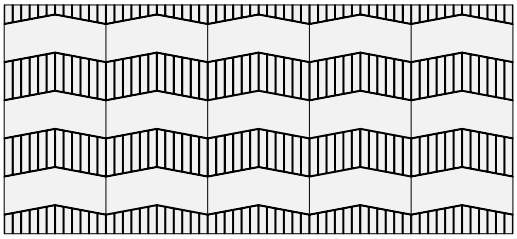

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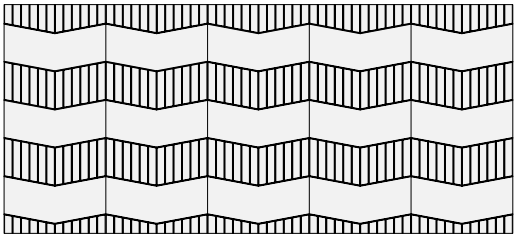

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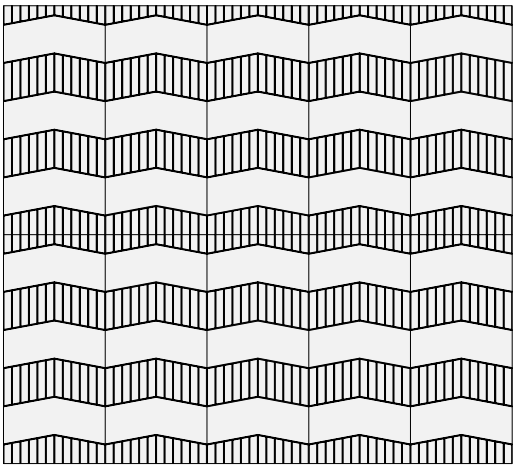

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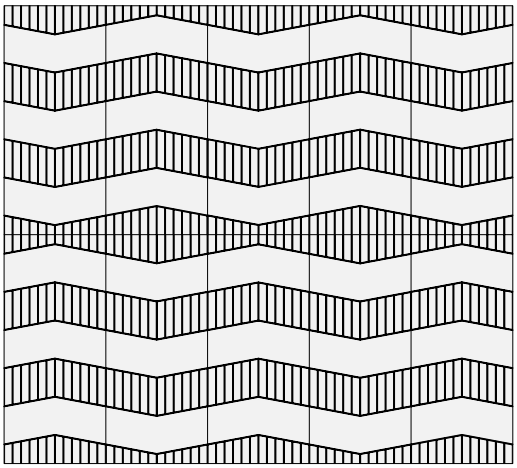

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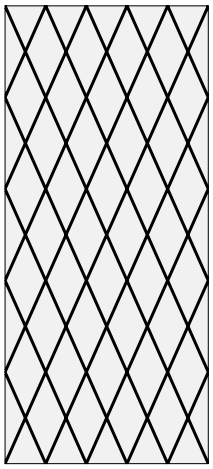
Recommended Layouts

Trellis



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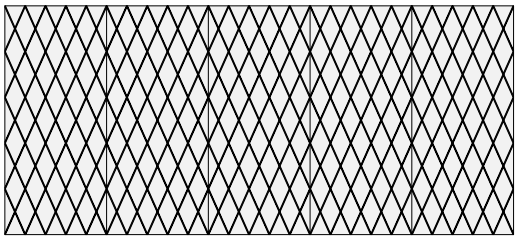

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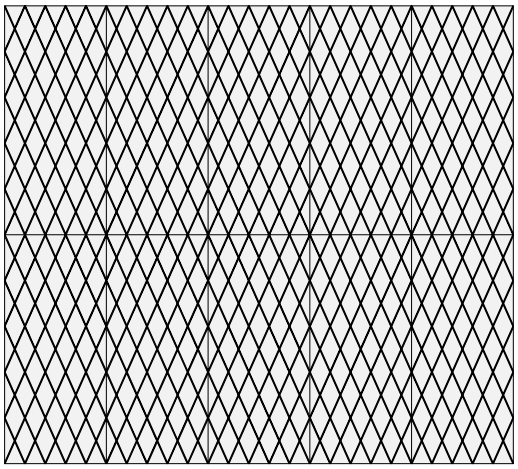

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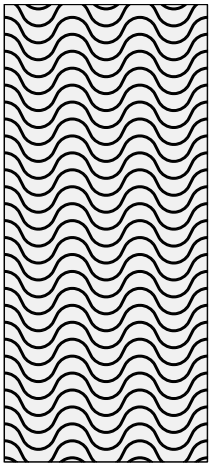
Recommended Layouts

Wavelength



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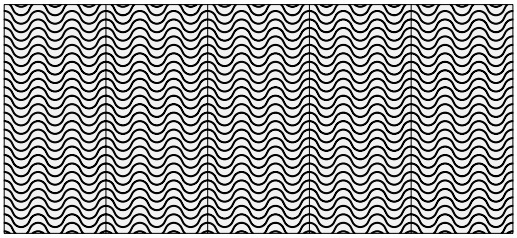

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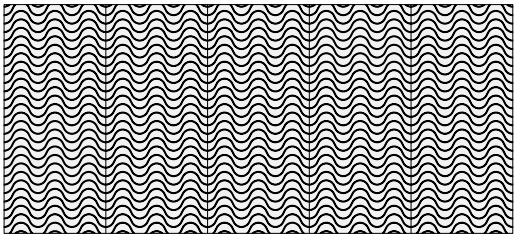

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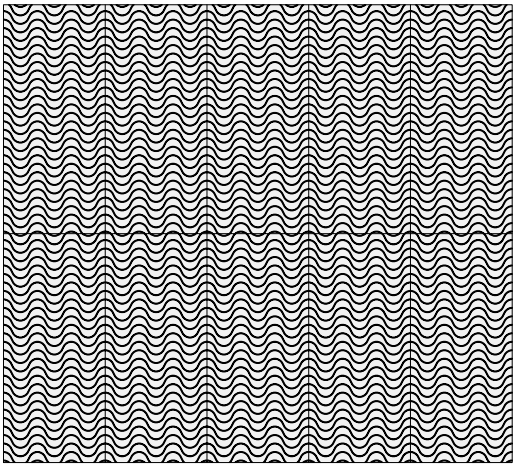

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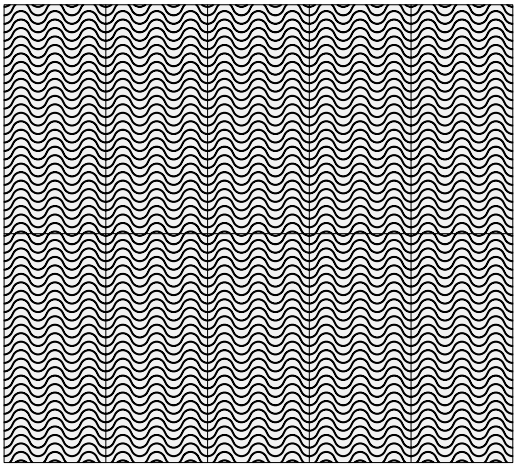

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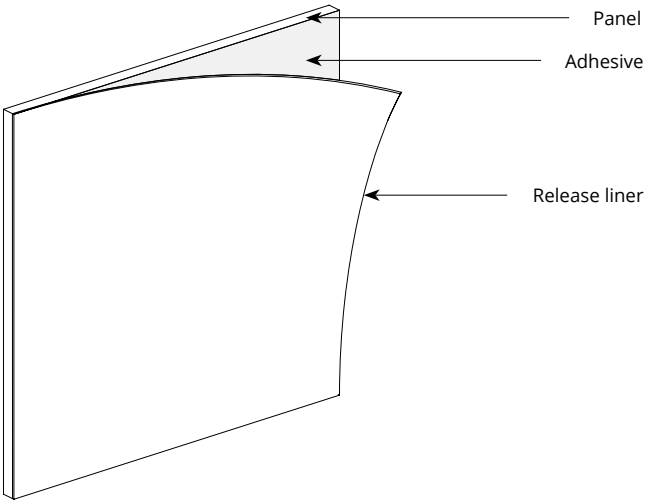
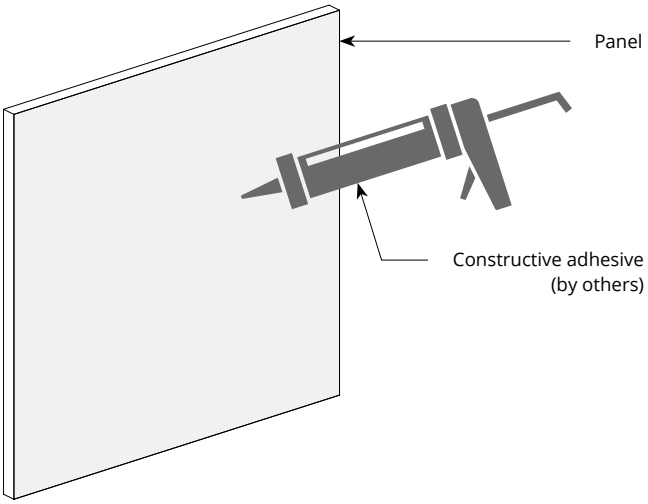
Mounting Methods

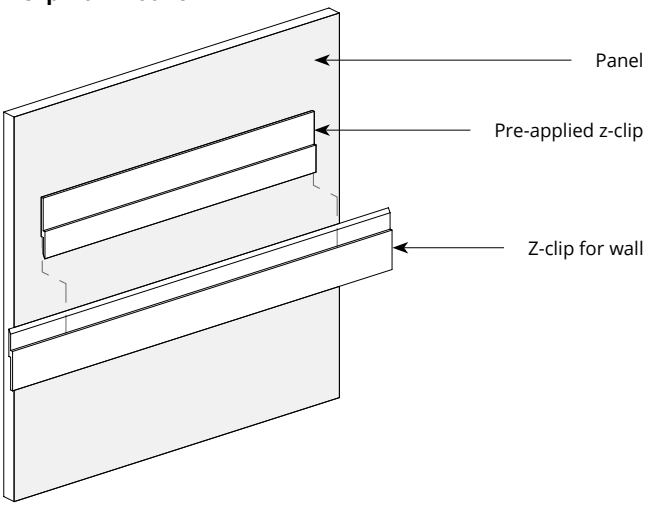
Adhesive backing



Construction adhesive



Z-clip wall mount



** For wall mount applications only.*

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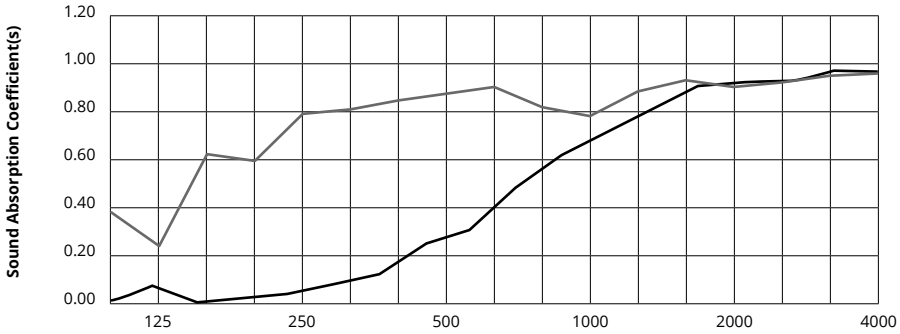
Acoustic Performance

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.

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