

Specification Guide

Transform your space into a tactile landscape with Mirage™ Textured Panels, an intricately textured acoustic panel range designed to create a sensory experience. The six refined designs bring depth, sophistication, and a sense of movement to any interior design.

Made from Cube™ Panels, you have the flexibility to choose from all Cube colors, ensuring a perfect match for your aesthetic. Mirage invites users to feel the delicately etched details up close or step back and enjoy its elegance as a piece of acoustic art.



In everything we do



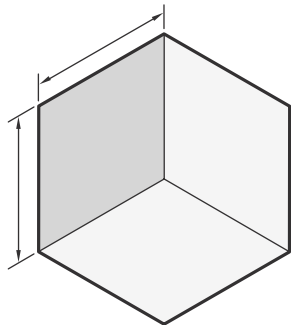
Mirage™ Textured Panels



Path to Specification

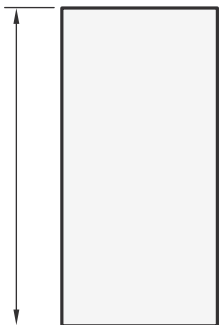
1. Space

What are the dimensions of the space you are designing?



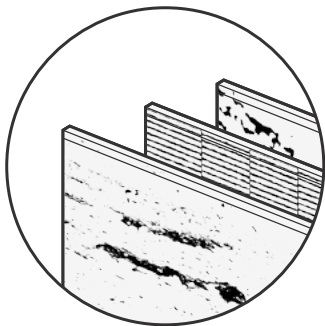
2. Size

What panel dimensions are available?



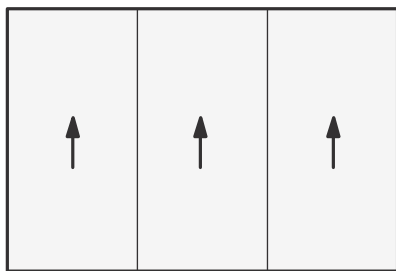
3. Style

What styles are available?



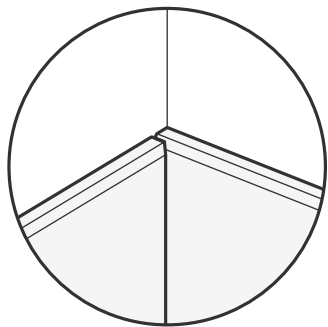
4. Layout

What orientations are possible?



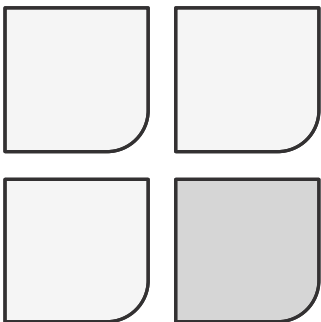
6. Detail Considerations

What install details should I consider?



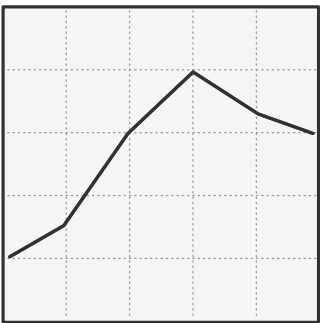
7. Colors

What colors and finishes are available?



8. Technical Information

What are the technical specifications?





Quick Reference

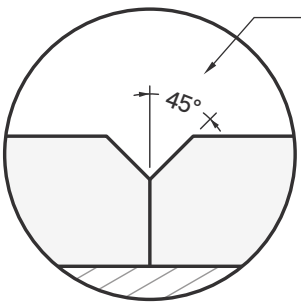
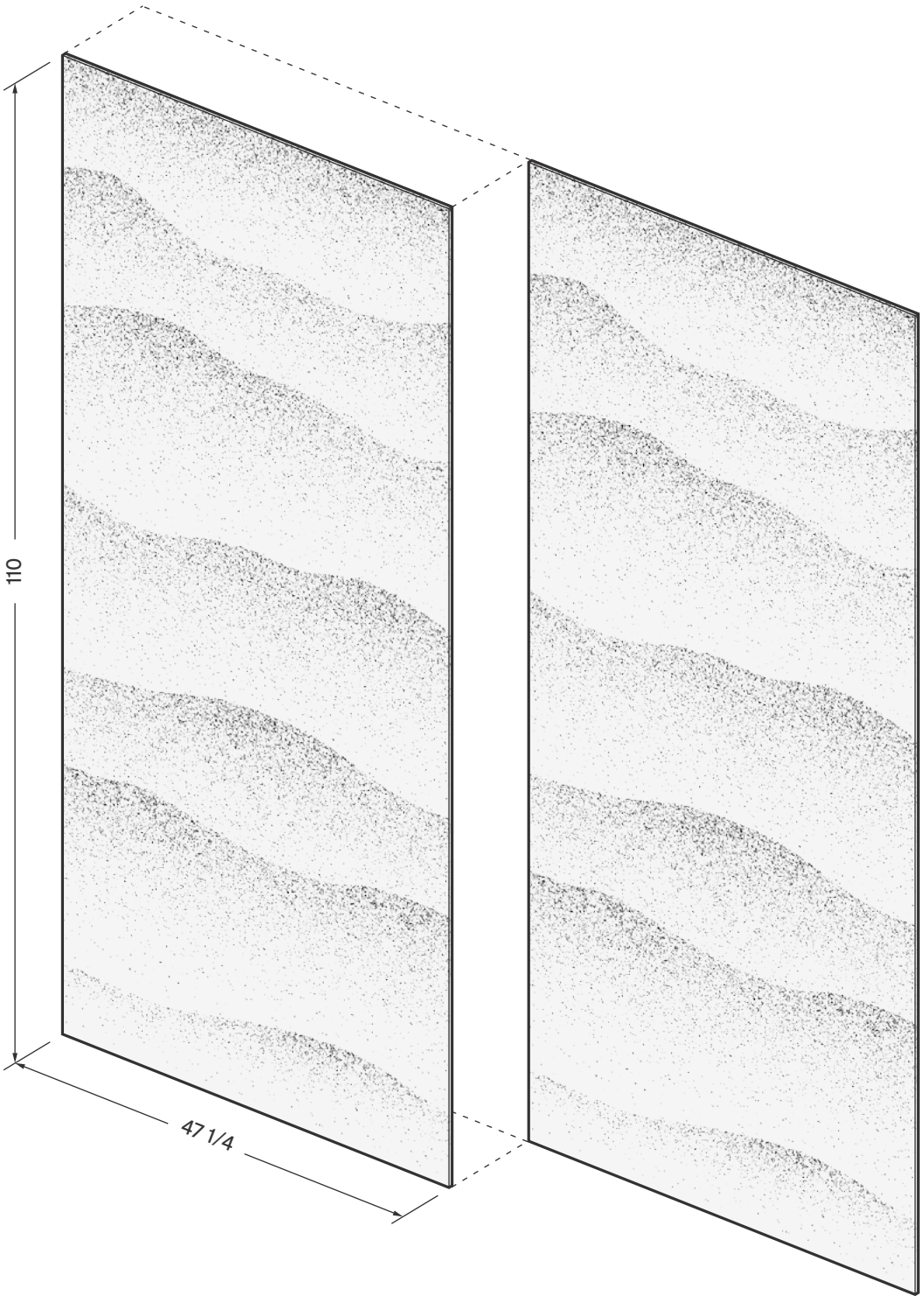
Panel Dimensions

Width	47 1/4" (1200mm)
Height	110" (2794mm)
Thickness	3/8" (9mm) and 1" (24mm)

Connection

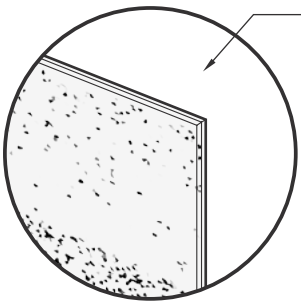
Adhesive	Panels can be installed with appropriate adhesive (supplied by contractor)
Peel and Stick	Panels can be installed with Peel and Stick adhesive backing.
SpinFix™	Adhesion-free installation with SpinFix™, only available for 1" thick panels

See Product Installation Guide for further details



Mirage panels have 45° beveled edges as standard

Beveled Edge



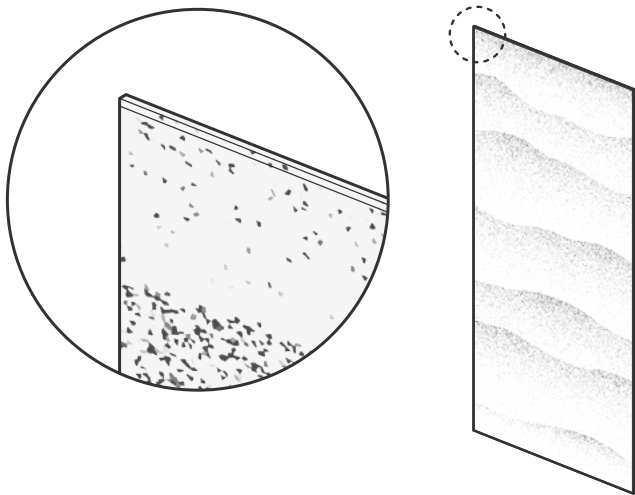
Texture wraps around beveled edges for a seamless continuity of texture

Edge Detail

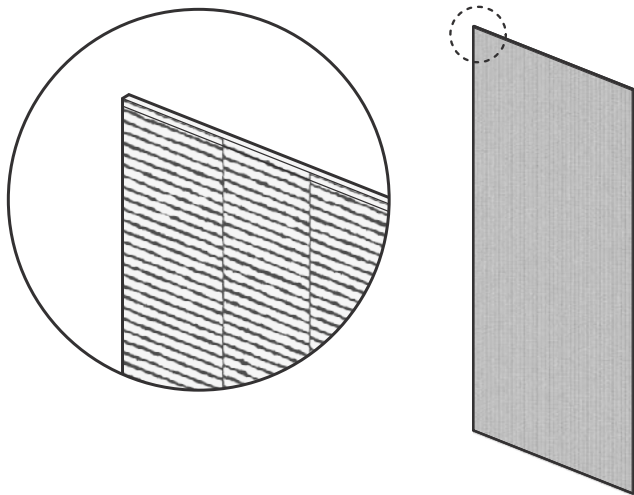


Styles Overview

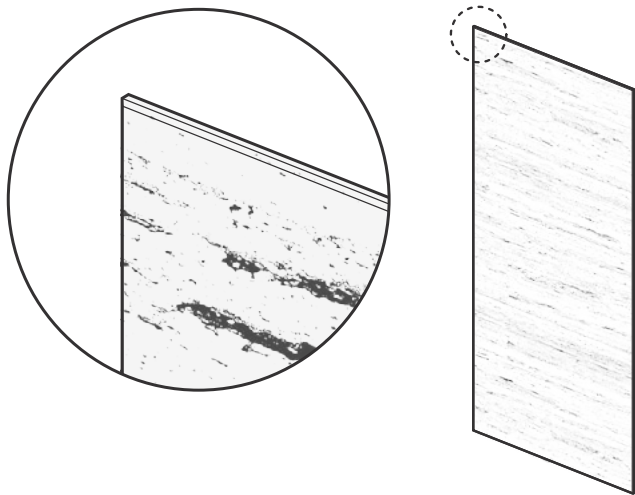
Rammed Earth



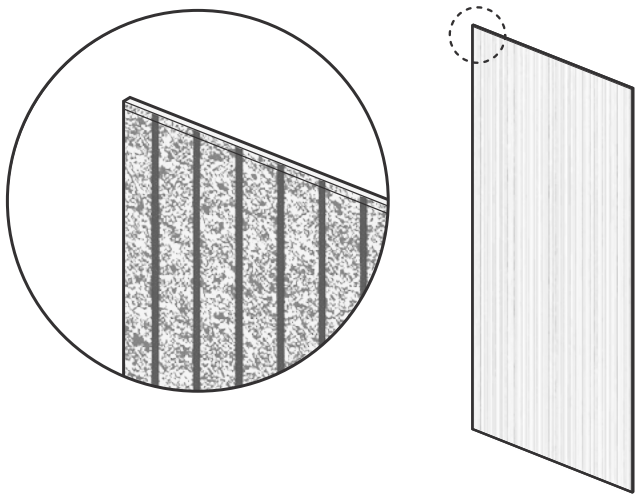
Offset



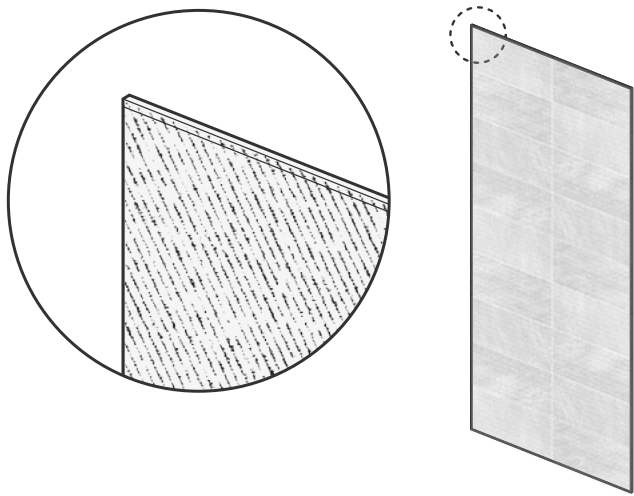
Lapis



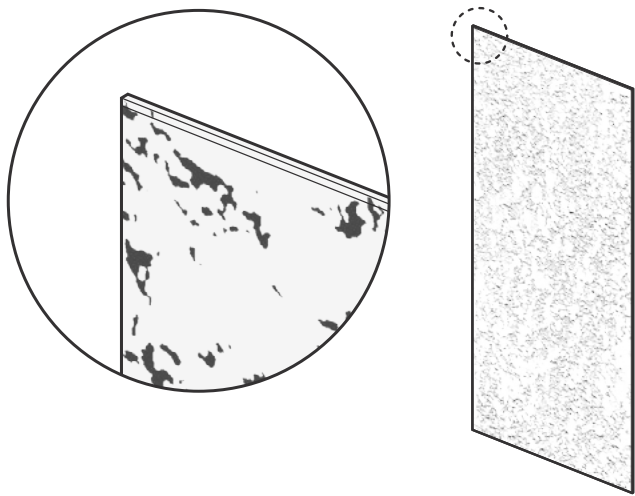
Brutalist



Boucle



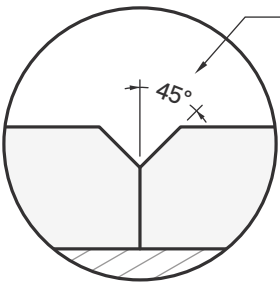
Mortar





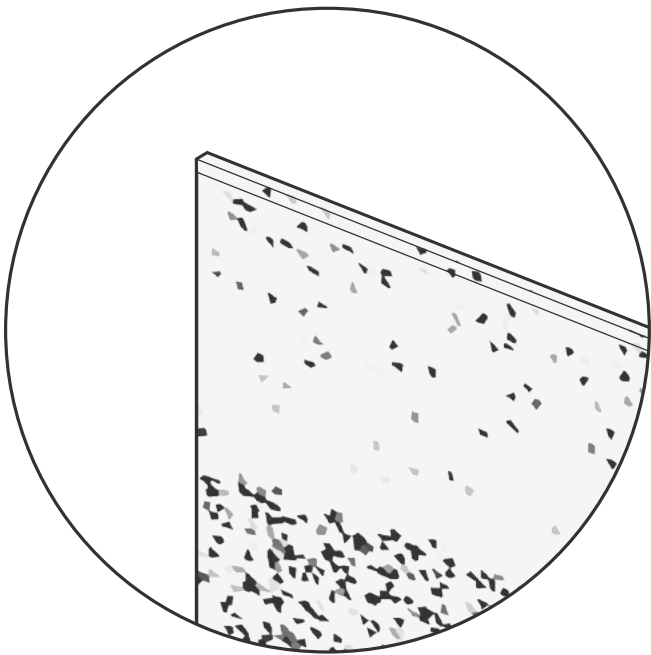
Rammed Earth

- Rammed Earth has a seamless pattern which repeats across panels
- Pattern repeat: 47 1/4" (1200mm) horizontal; 110" (2974mm) vertical
- This allows for vertical panel tiling if required also means panels of varying heights will match horizontally
- Beveled edges conceal potential misalignment and assist clean installation horizontally and vertically



Mirage panels have 45° beveled edges as standard

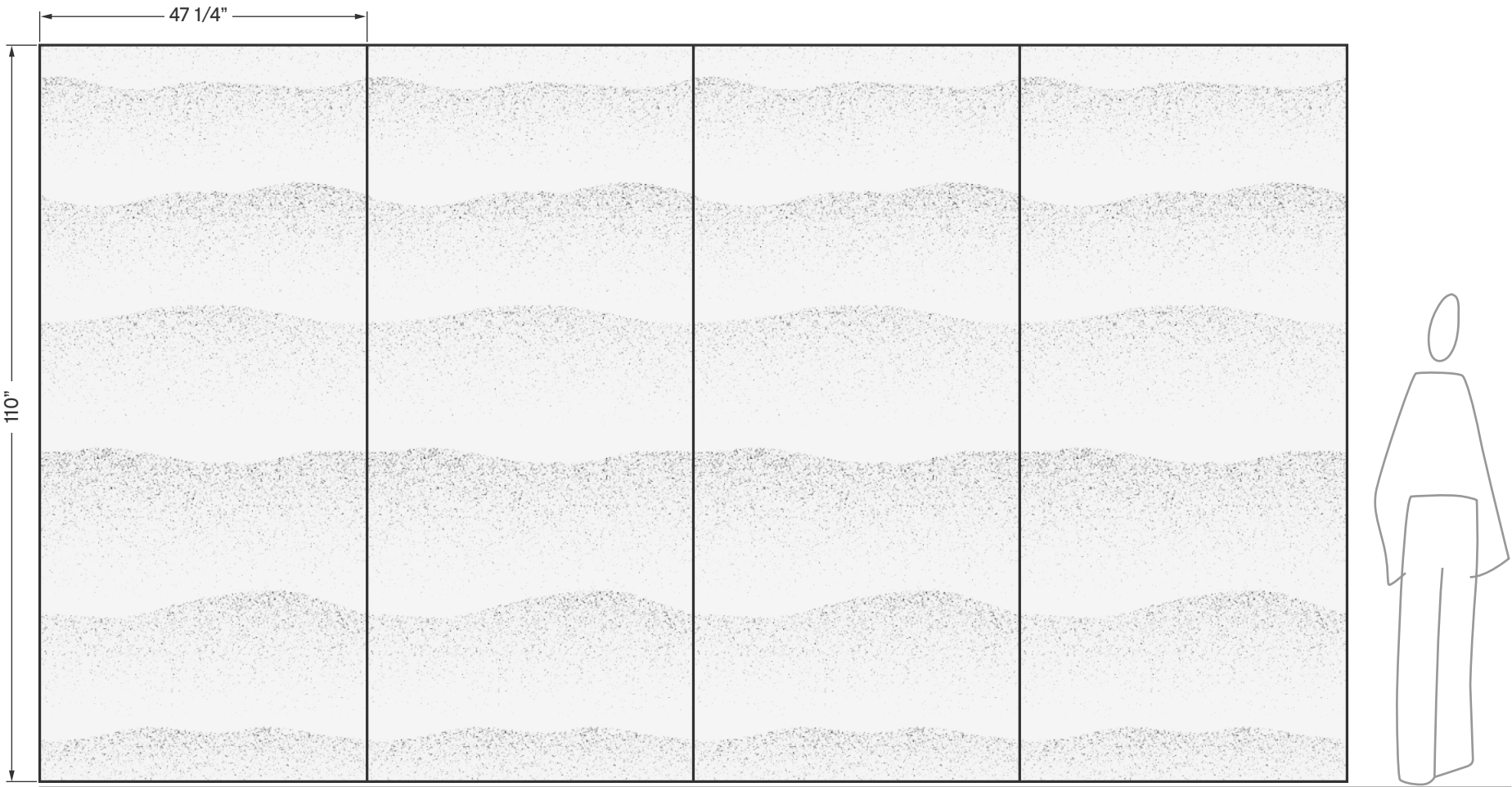
Panel Details



Layout Overview



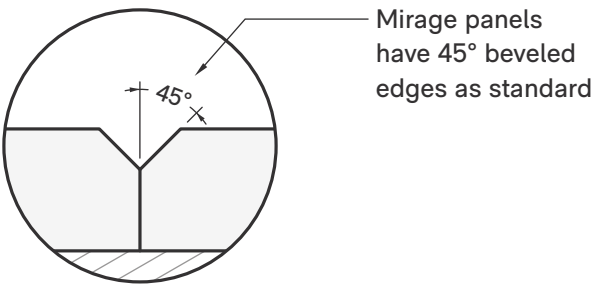
Match



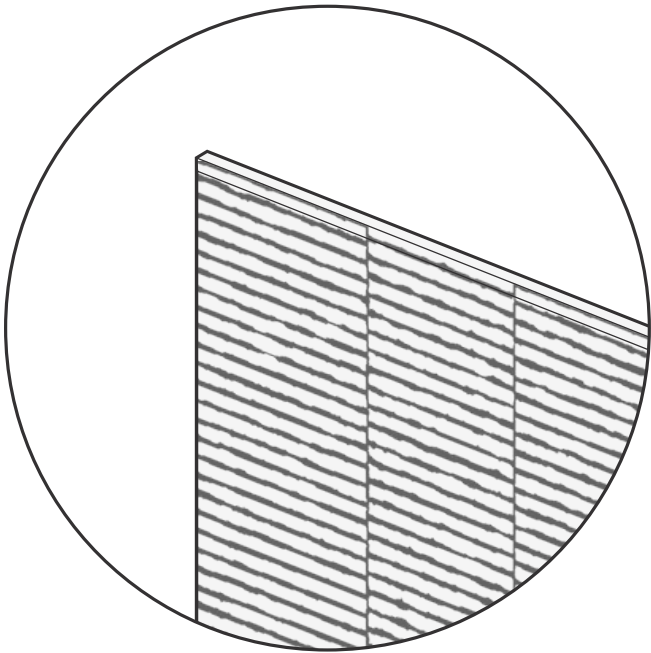


Offset

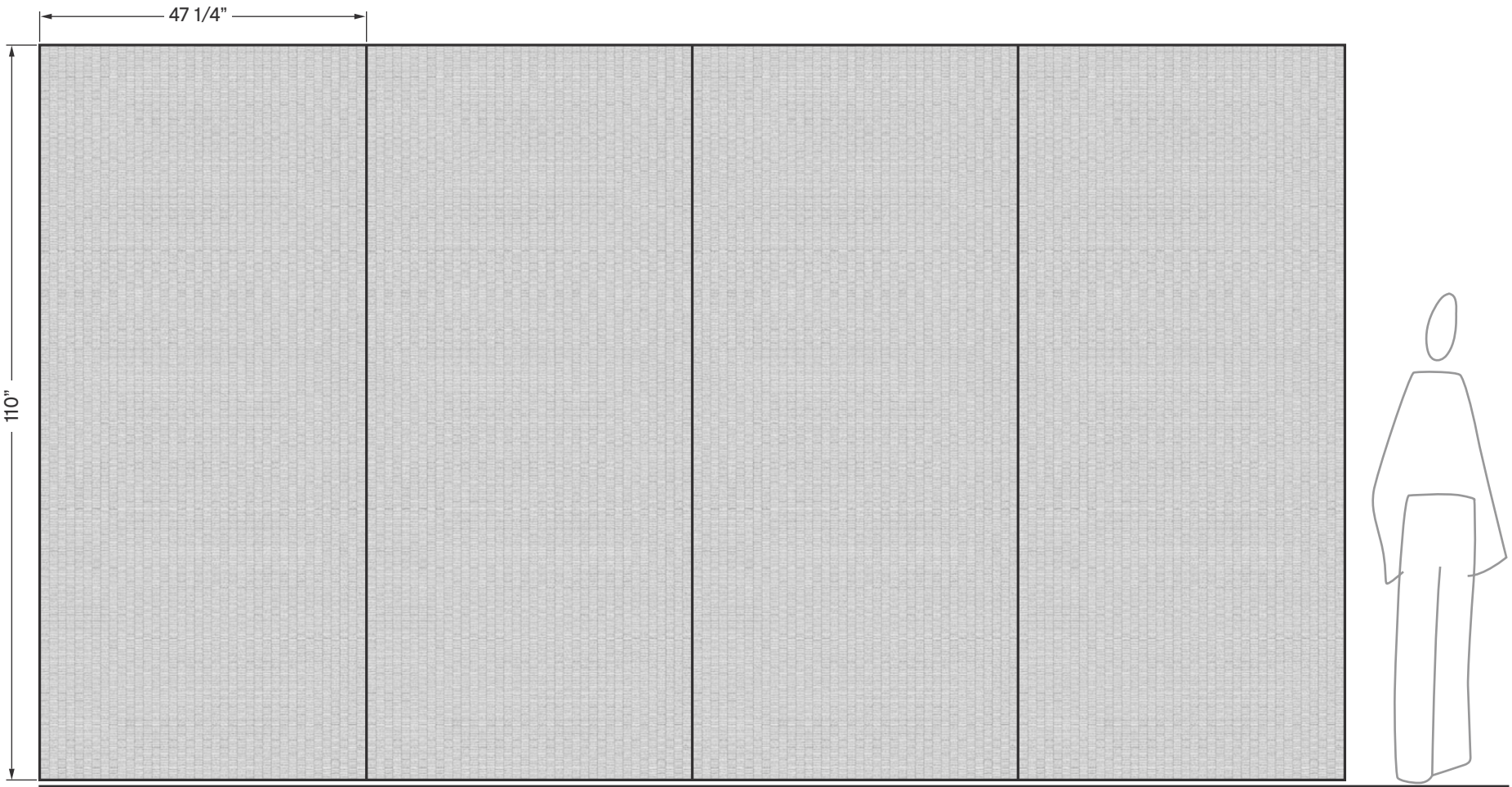
- Offset has a single panel design
- Pattern repeat: 47 1/4" (1200mm) horizontal
- Beveled edges conceal potential misalignment and assist clean installation horizontally and vertically



Panel Details



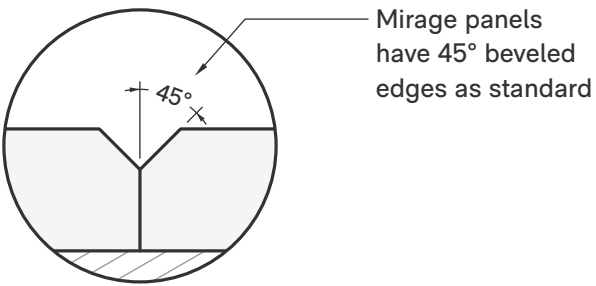
Layout Overview



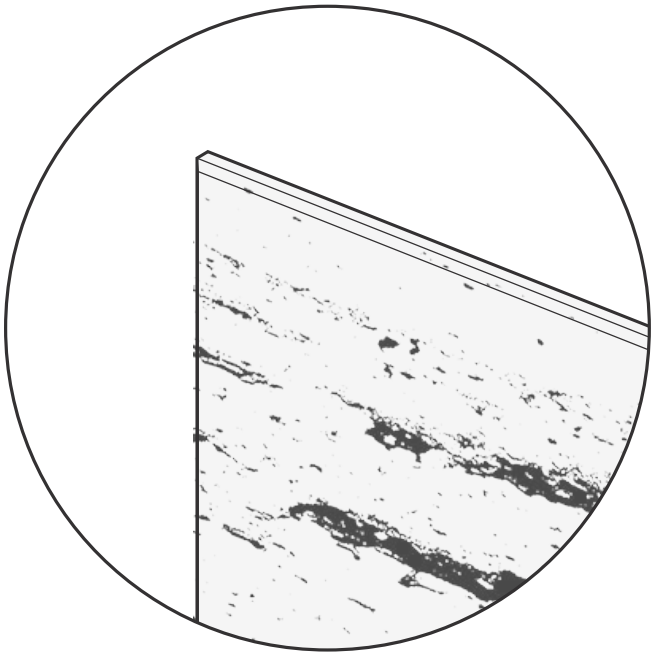


Lapis

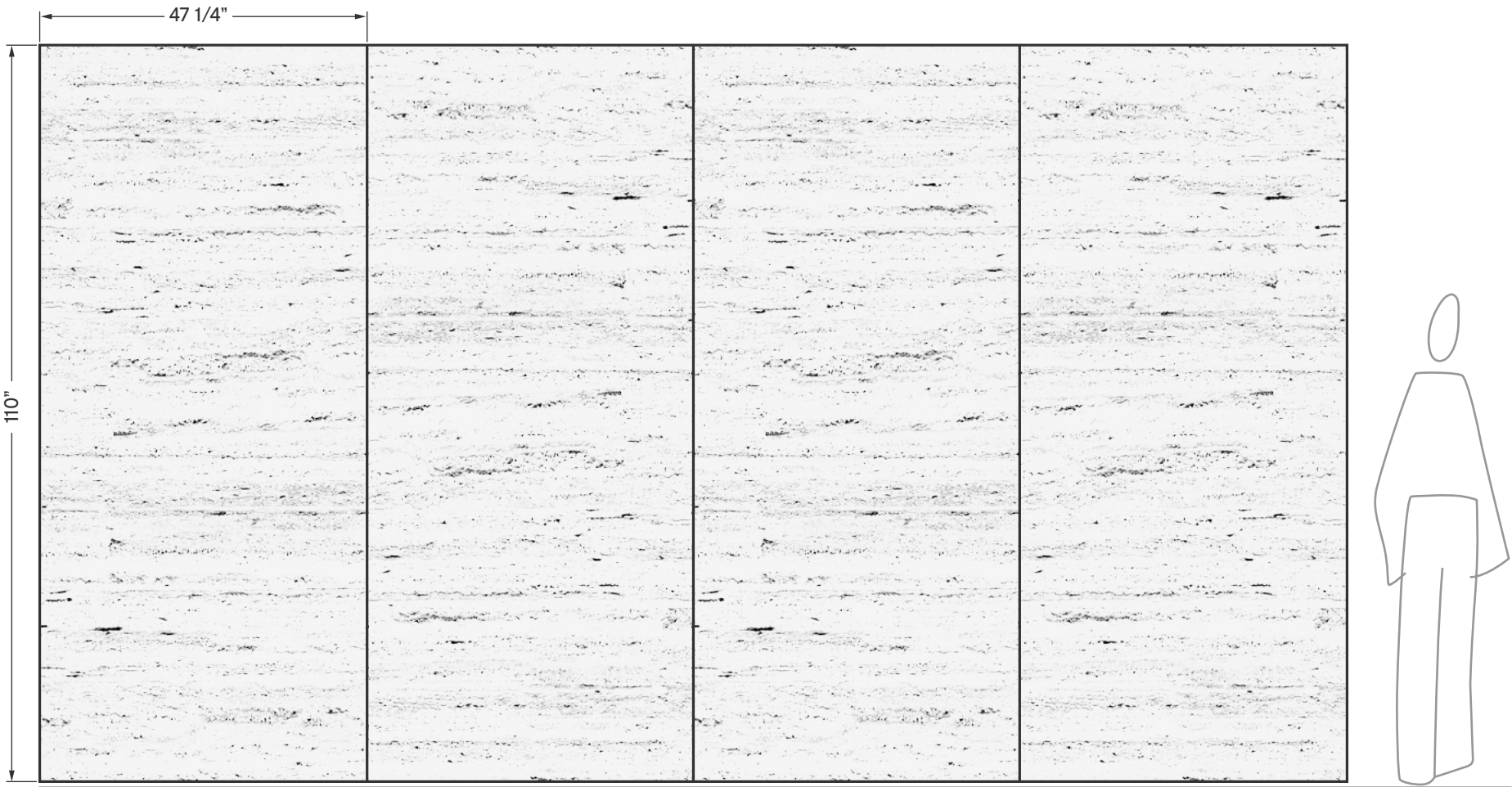
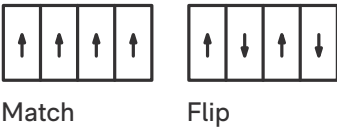
- Lapis has a single panel design
- Pattern repeat: 47 1/4" (1200mm) horizontal
- Beveled edges conceal potential misalignment and assist clean installation horizontally and vertically
- Panels can be rotated at install for a less repetitive look. (See Flip layout)



Panel Details



Layout Overview

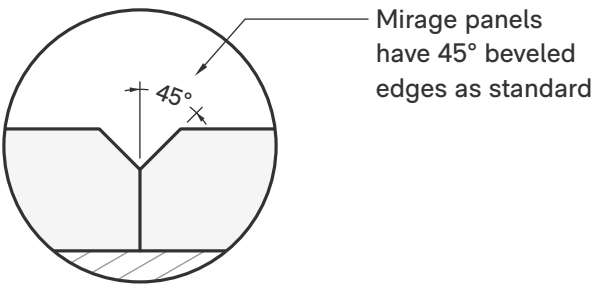




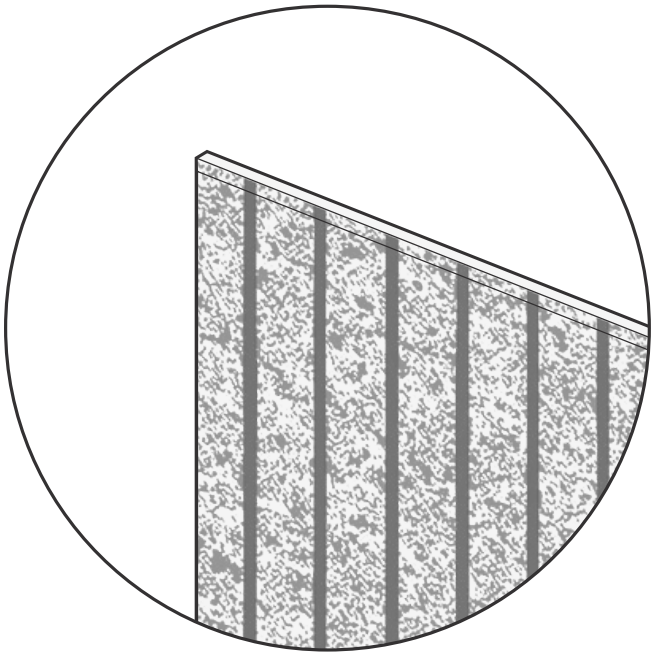
Brutalist



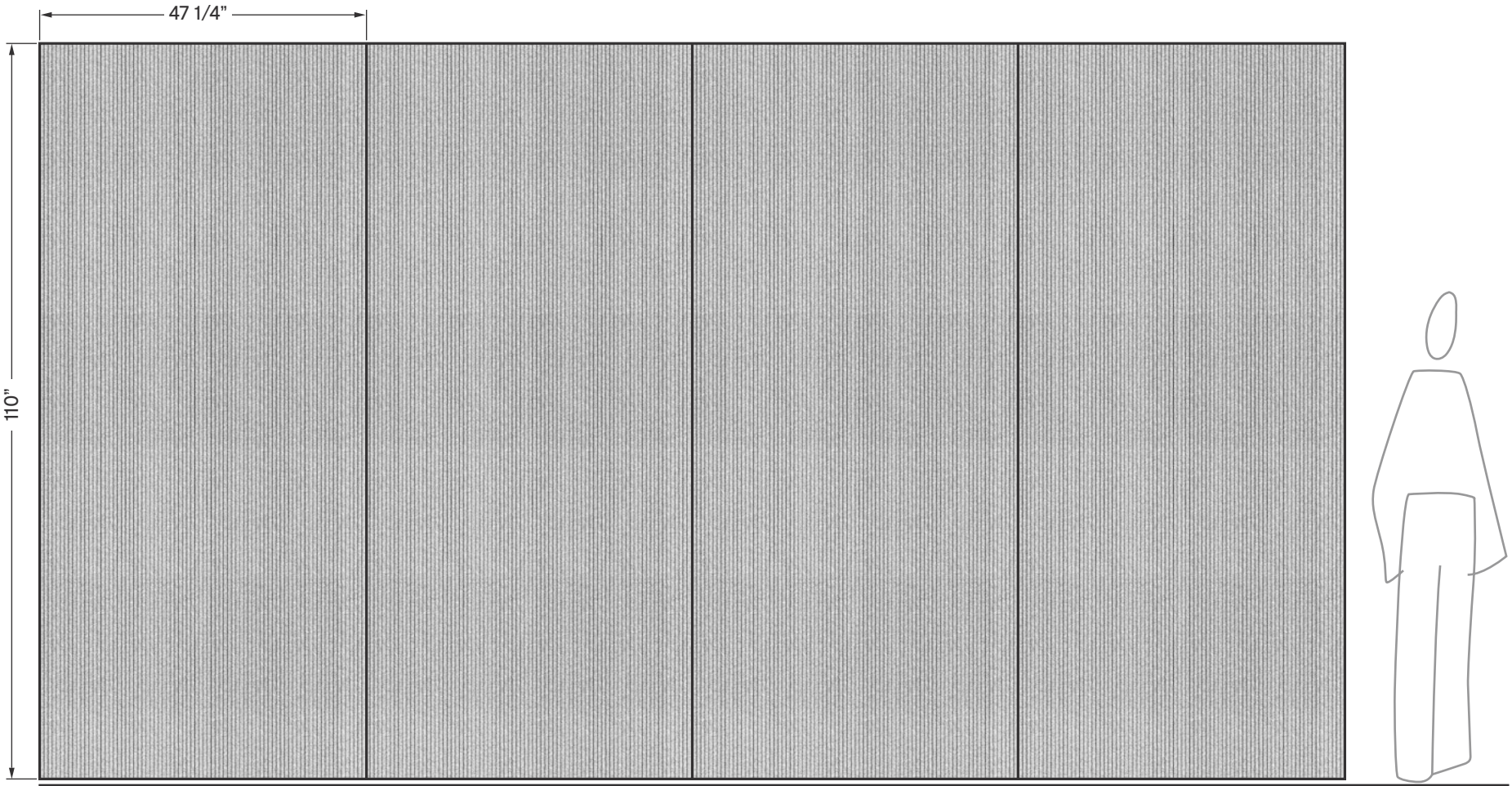
- Brutalist has a single panel design
- Pattern repeat: 47 1/4" (1200mm) horizontal
- Beveled edges conceal potential misalignment and assist clean installation horizontally and vertically



Panel Details



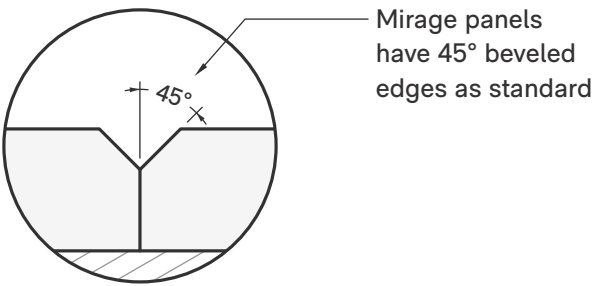
Layout Overview



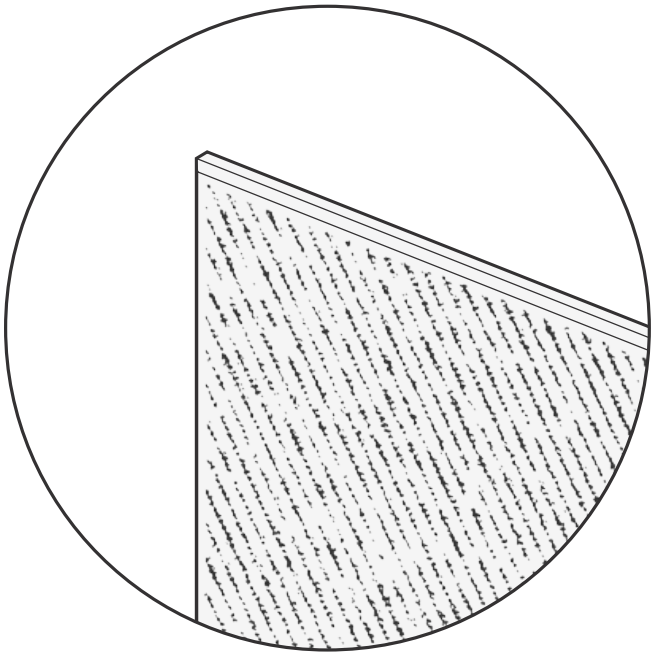


Boucle

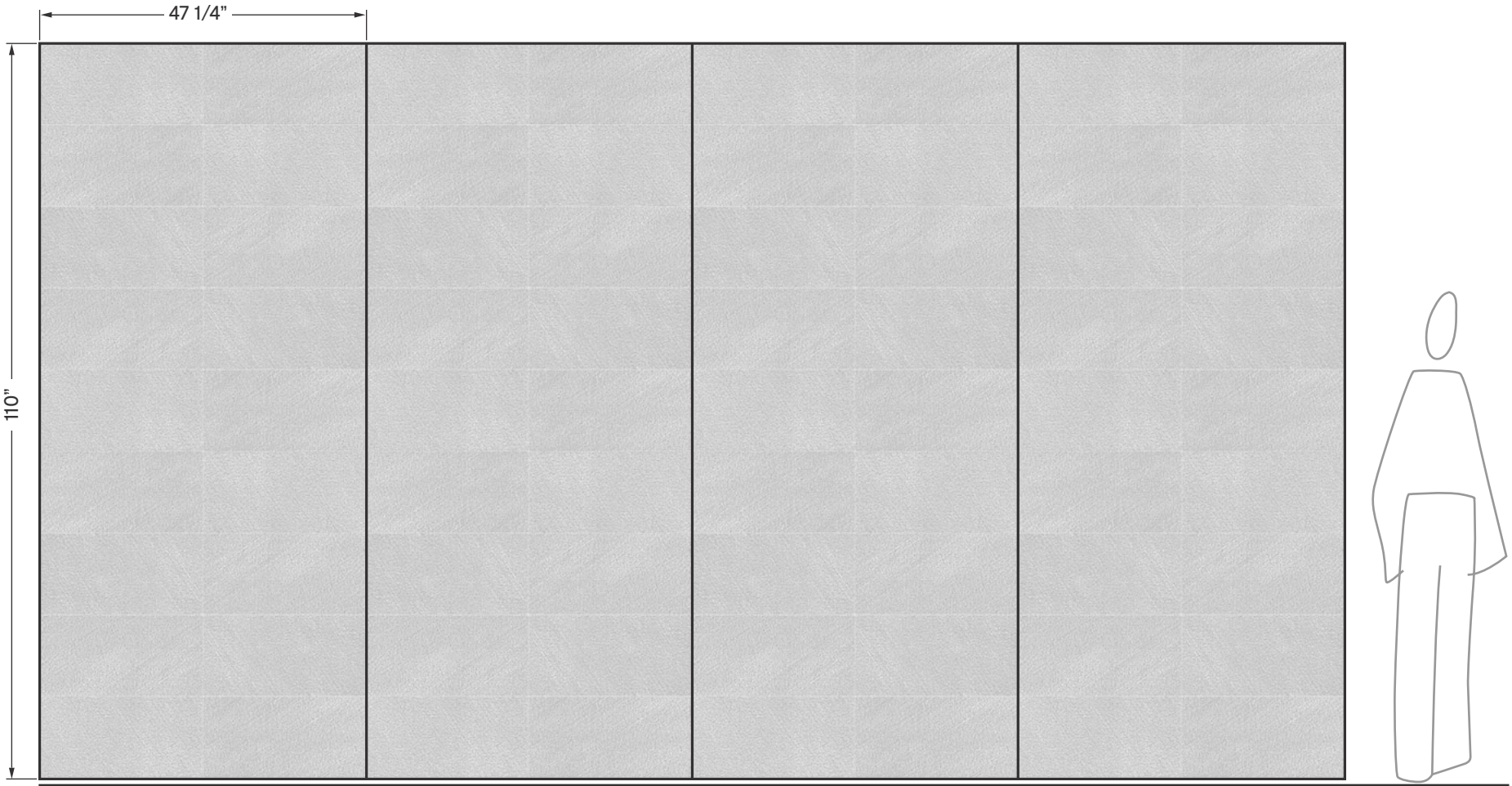
- Boucle is a single panel design, made of 23 5/8" x 11 13/16" (600mm x 300mm) cells
- Pattern repeat: 47 1/4" (1200mm) horizontal; 110" (2974mm) vertical
- This allows for vertical panel tiling if required also means panels of varying heights will match horizontally
- Beveled edges conceal potential misalignment and assist clean installation horizontally and vertically



Panel Details



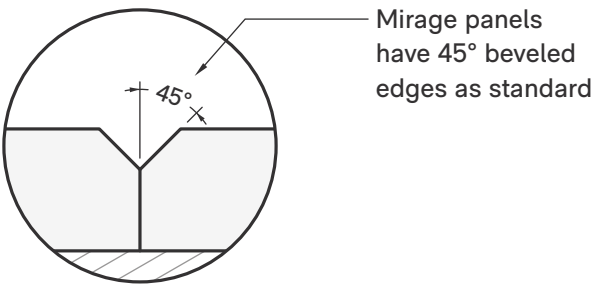
Layout Overview



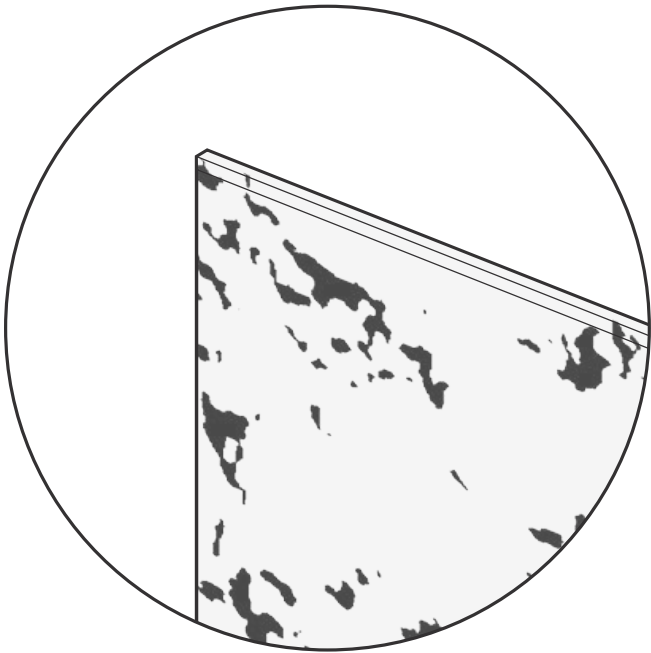


Mortar

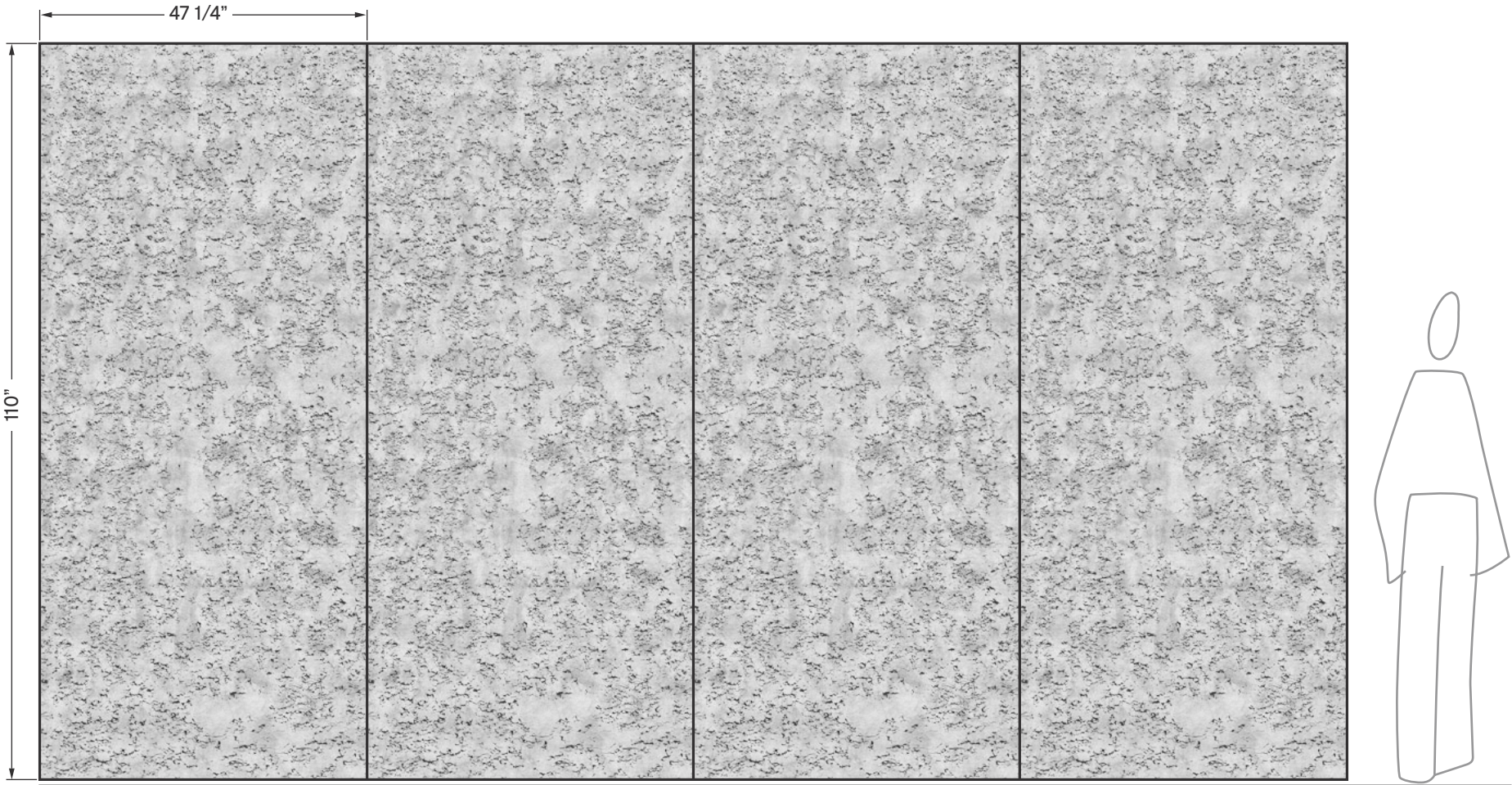
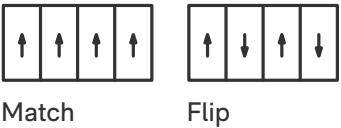
- Mortar has a single panel design
- Pattern repeat: 47 1/4" (1200mm) horizontal
- Beveled edges conceal potential misalignment and assist clean installation horizontally and vertically
- Panels can be rotated at install for a less repetitive look. (See Flip layout)



Panel Details



Layout Overview

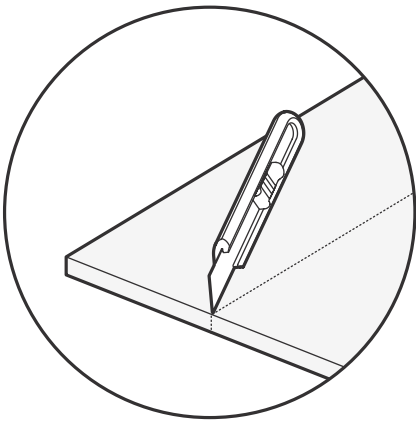




Detail Considerations

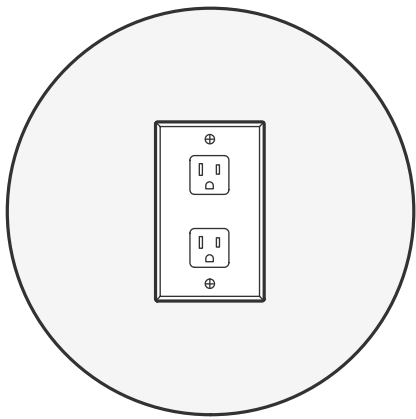
Trimming Panel

Groove panels can be cut on-site if required.
We recommend using a snap-blade knife and straight edge.



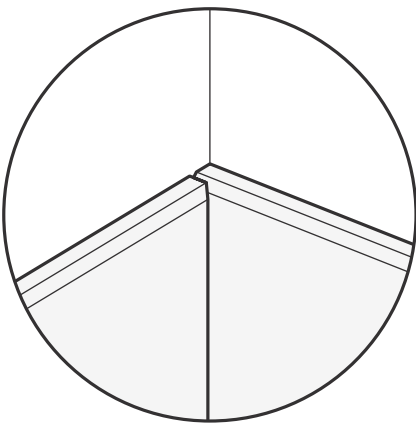
Power Outlets and Light Switches

Measure and cut out where the outlet would sit on the panel.
Apply the panel to the substrate and secure the outlet through the panel.



Internal Corners

We recommend a simple lap-join install. If the opposite end of your wall has an exposed edge, we recommend starting the install from that end, and cutting the final panel to fit into this lap join.



For further installation details, please refer to the Groove Installation Guide.



Colors

Cube™ Colors

Mirage Textured Panels are available in the full range of Cube™ colors.



Pavilion



Opera



Parthenon



Senado



Beehive



Terrace



Canyon



Sargazo



Savoye



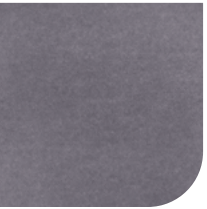
Colosseum*



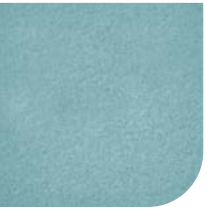
Rushmore*



Flatiron*



Cavalier



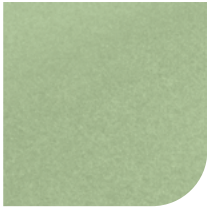
Falling Water



Muralla



Pinnacle



Acros



Highland



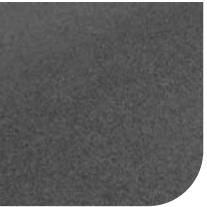
Gherkin



Tree House



Caspian



Herald



Empire



Petronas

*Mirage finish does not translate as well on heavily marbled colors such as Colosseum, Rushmore, and Flatiron. Please contact your Momentum account manager for more information.





Sound Materials

We're on a positive journey towards momentous change. It's about winning for the planet and its people, making a difference for healthy generations to come.

Sustainability is ingrained in everything we do, from fiber to finish. Our commitment to doing good now and in the future drives us to continuously evolve our practices, design with integrity, and take responsibility for the impact of our products. Our five sustainability pillars reflect this ethos, guiding our actions and shaping our decisions. Together, these pillars form a system that ensures our materials, products, and processes contribute meaningfully to a more sustainable world.



01



Climate change demands climate action

We are carbon neutral in everything we do.

02



Closing the loop

We are advocates for closing the loop on waste. We design with circularity front of mind.

03



Sustainable supply chain

We carefully select responsible suppliers and take action to mitigate unethical practices, and encourage good working conditions.

04



Supporting wellbeing in buildings

All our products are made using only safe materials. No harmful chemicals are present in our products.

05



Operating a business for purpose and profit

We strive to have a positive impact on our environment, our people, and the next generation.

Credentials

Sustainability isn't just a feature—it's a foundation. Our products are independently certified by trusted third-party certifications and labels to meet rigorous environmental and performance standards.

Our products also meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project.



Declare.





Our Journey to Nature Positive

We want to make a material difference to the planet and its people. That's why we're not resting on achieving carbon neutrality across the organization and our products.

We're on a journey committed to Nature Positive, which ultimately delivers systems and products that contribute to biodiversity replenishment, carbon sequestration, and many positive environmental outcomes.

It's manufacturing that cares for human beings and the generations to come.

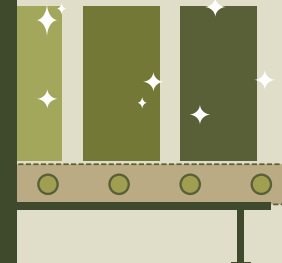
1967

Founded in Auckland, NZ, creating underfelt for the flooring industry.



1990

Established on-line recycling systems.



2020

Dematerialisation project, which reduced raw material by 30% for core product.



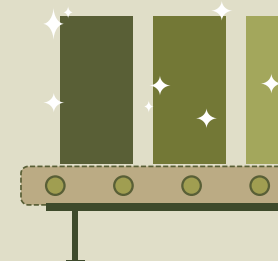
2017

First Environmental Product Declarations (EPDs) were published and started measuring GHG emissions.



2012

Reclaimed waste trimmings, reducing raw material use and associated emissions.



2021

We balanced all emissions from our acoustic products to zero.



2022

We balanced all emissions from our global operations to zero.



2025

We received the first NaturePositive+ Declaration in the construction industry for our first carbon negative product we launched in New Zealand. It uses a material with a -8.6 CO₂e carbon footprint.



Technical Information

Overview

NRC	0.30 - 0.80
Content	100% PET, min. 80% recycled
Form	Panel
Dimensions	47 1/4" x 110" (1200mm x 2794mm)
Thickness	3/8" (9mm) and 1" (24mm)
Origin	Fabricated in the USA

Acoustic Performance

Mirage Texturtd Panels are specifically designed to reduce and control reverberation and echo noise in building interiors.

Mirage Textured Panels are made from Cube™ as the base material.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
3/8" Cube	0.00	0.05	0.15	0.40	0.70	0.85	0.30
3/8" Cube (with 1/4" air gap)	0.00	0.05	0.15	0.45	0.75	0.95	0.35
3/8" Cube (with 1" air gap)	0.05	0.10	0.35	0.75	0.95	0.95	0.55
1" Cube	0.05	0.20	0.60	0.90	1.00	1.00	0.70
1" Cube (with 1" air gap)	0.15	0.40	0.85	0.95	0.95	0.95	0.80

Fire Considerations

ASTM E-84-15a: **Class A rating**
(Tests RJ9445F-1a, and RJ4479-1)

CAN/ULC-S102 (Test QA-2243F-3) 3/8" only

Fire test reports available on request.

Twenty Year Manufacturer's Guarantee

Product Specifications

Hard Body Impact There is no surface damage or penetration when subjected to hard body impacts. When adhered to 0.39" (10mm) plasterboard, the system can resist a 9 joule impact.

Soft Body Impact There is no surface damage or penetration when subjected to soft body impacts. When adhered to 0.39" (10mm) plasterboard, the system can resist a 70 joule impact.

Microbial Resistance (ASTM G21-15):
Growth Rating: 0

Pattern: Non-woven. No pattern repeat.

Color Fastness to Light (ISO 105-B02:2014):
Rating: 6

Determination of Colorfastness to Rubbing (ISO 105-X12:2016):
Dry Assessment: 4 - 5
Wet Assessment: 4 - 5

Average % of water vapor sorption by weight after four days: 0.4%

For care and maintenance guidance, refer to the Autex Acoustics Care and Maintenance Guide.

