

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™ Panel, you have the flexibility to choose from all Cube colours, 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



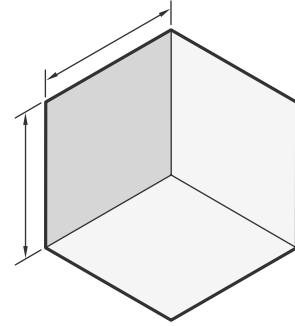
Mirage™ Textured Panel



Path to Specification

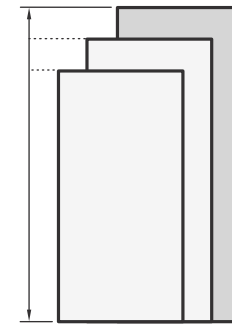
1. Space

What are the dimensions of the space you are designing?



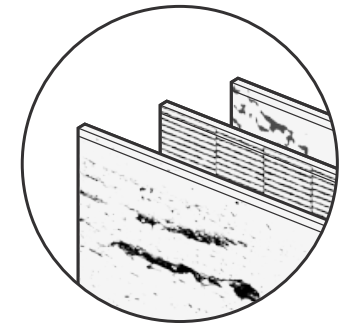
2. Size

What panel dimensions are available?



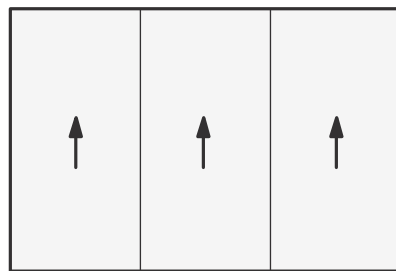
3. Styles

What styles are available?



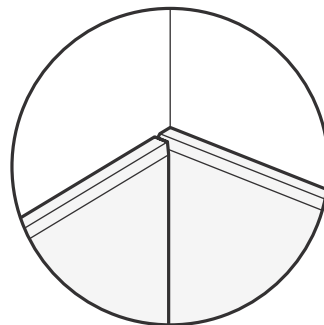
4. Layout

What orientations are possible?



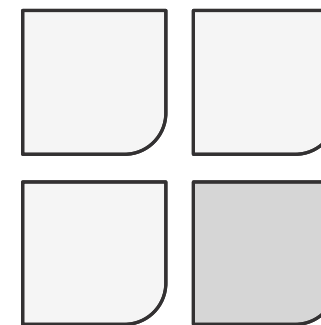
6. Detail Considerations

What install details should you consider?



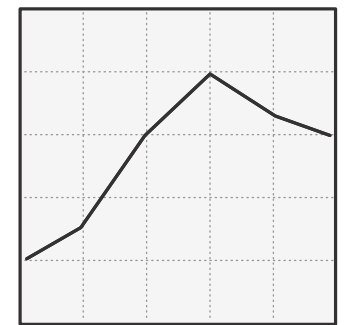
7. Colours

What colours are available?



8. Technical Information

What are the technical specifications?





Standard Assembly

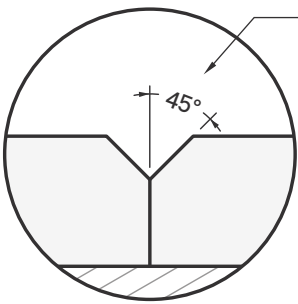
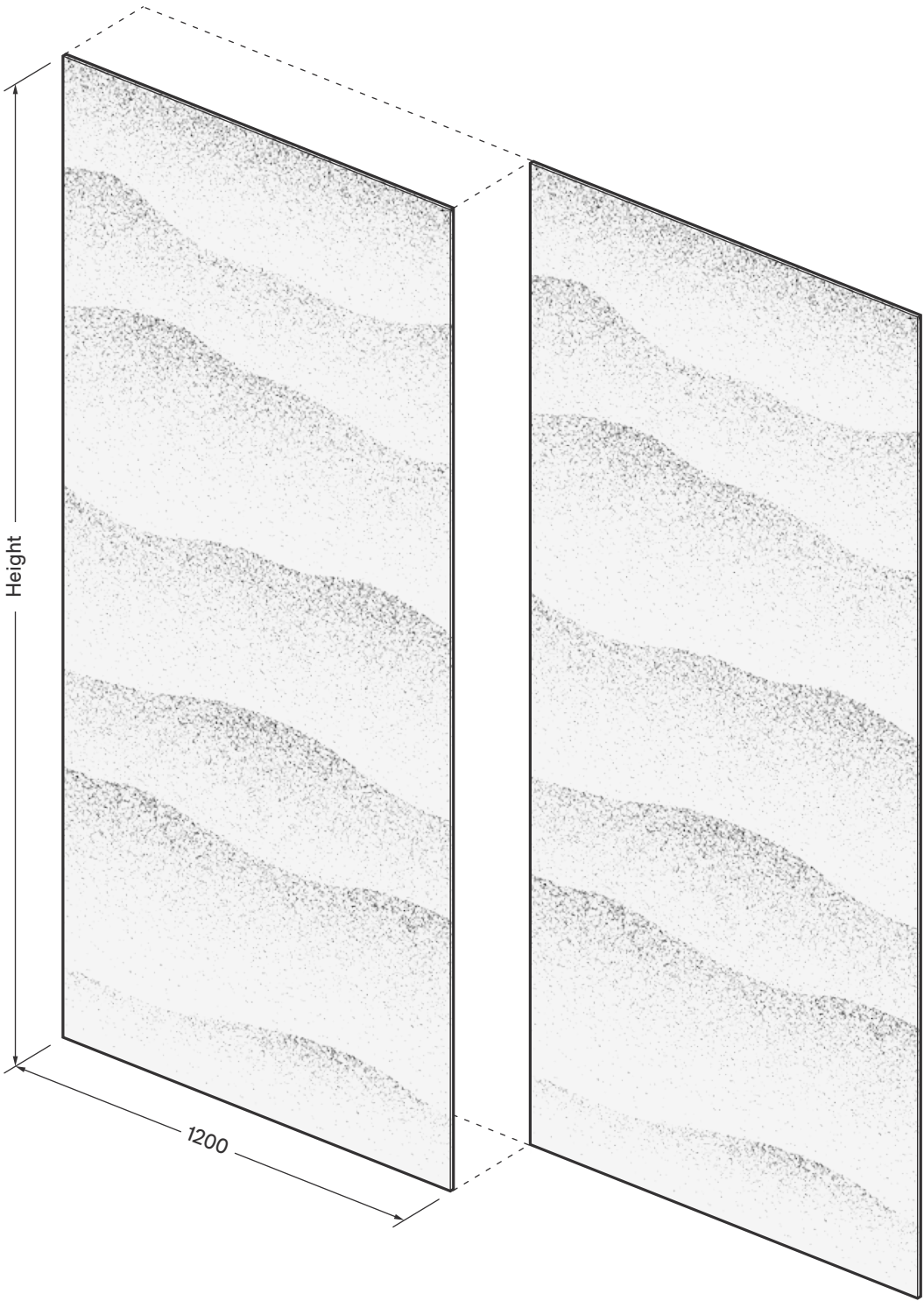
Panel Dimensions

Width	1200mm
Height	Standard: 2400mm, 2700mm Max: <3000mm (MOQs apply)
Thickness	12mm, 24mm

Connection

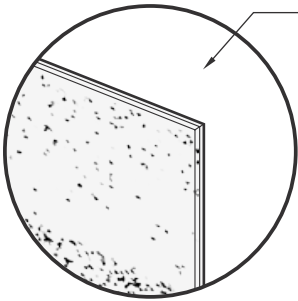
SpinFix™	Adhesive-free installation available with SpinFix™ (supplied by Autex Acoustics)
Adhesive	Panels can be installed with appropriate adhesive (supplied by contractor)

See Product Installation Guide for further details



Mirage panels have 45° bevelled edges as standard

Bevelled Edge



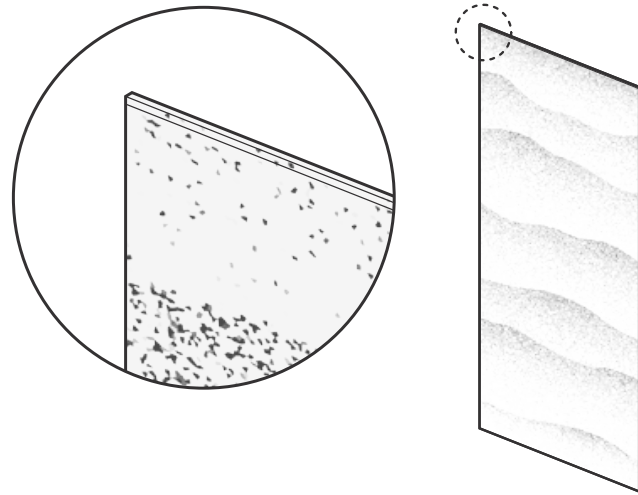
Texture wraps around bevelled edges for a seamless continuity of texture

Edge Detail

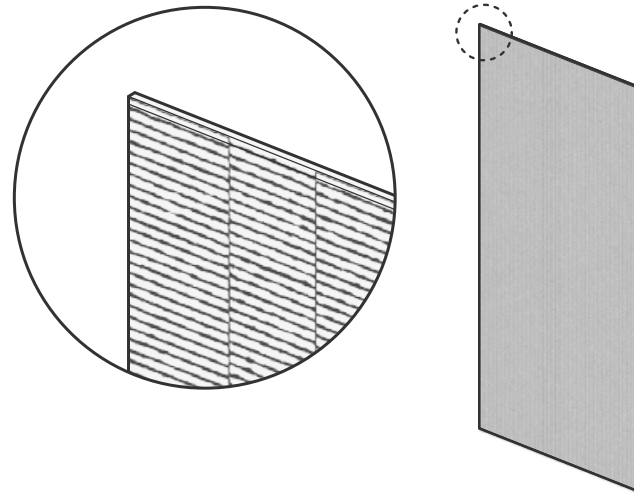


Styles

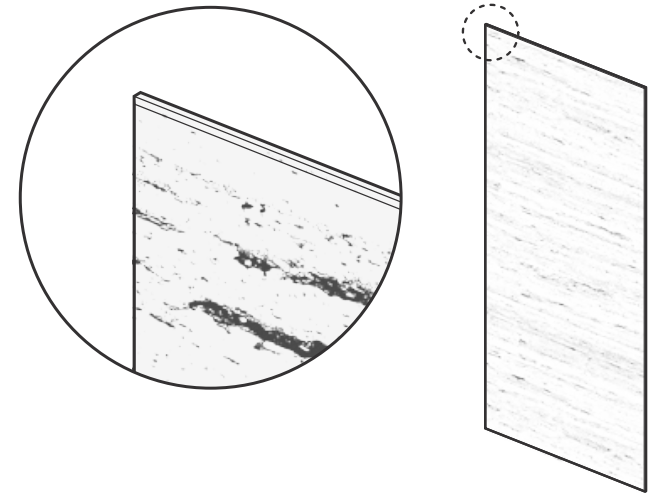
Rammed Earth



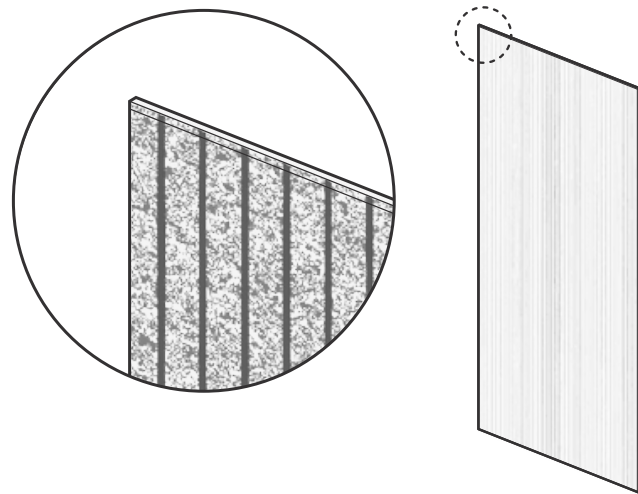
Offset



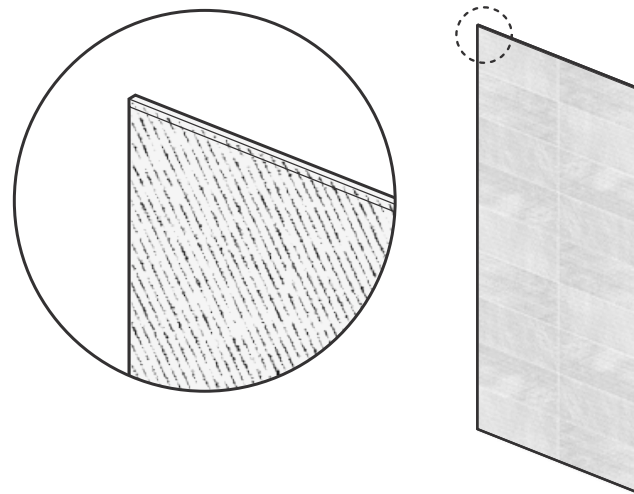
Lapis



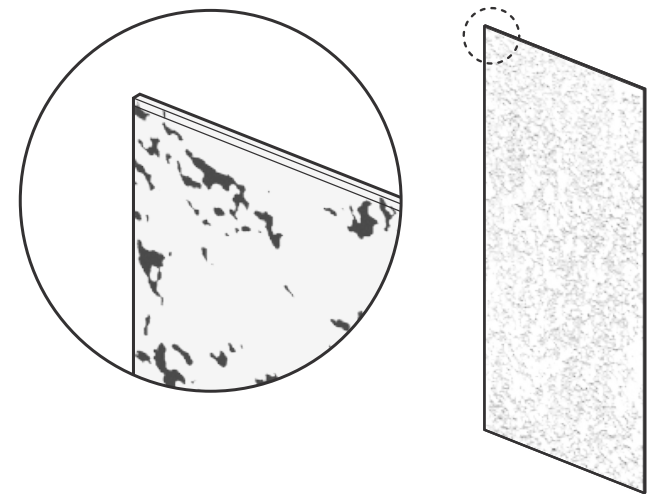
Brutalist



Boucle



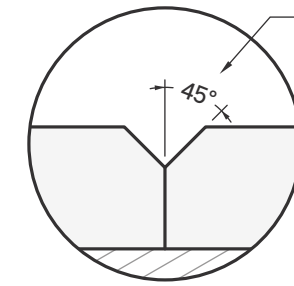
Mortar





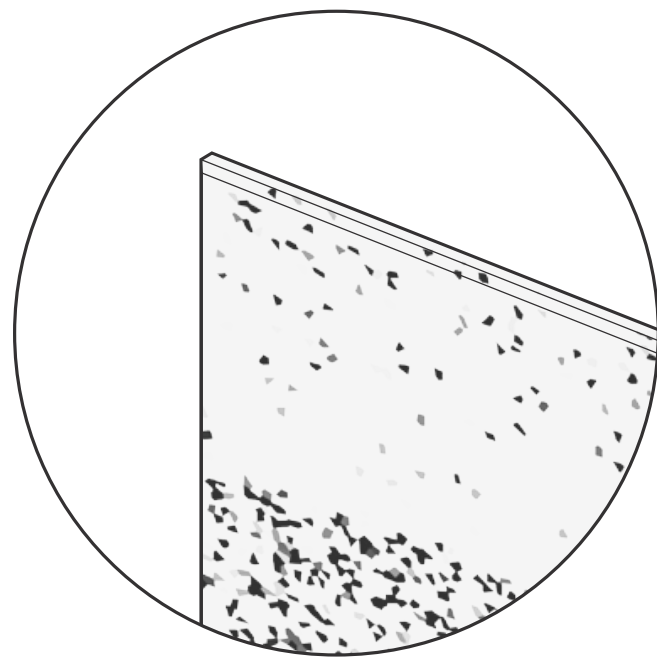
Rammed Earth

- Rammed Earth has a seamless pattern which repeats across panels
- Pattern repeat: 1200mm horizontal; 2400, 2700, and 3000mm vertical
- This allows for vertical panel tiling if required also means panels of varying heights will match horizontally
- Bevelled edges conceal potential misalignment and assist clean installation horizontally and vertically

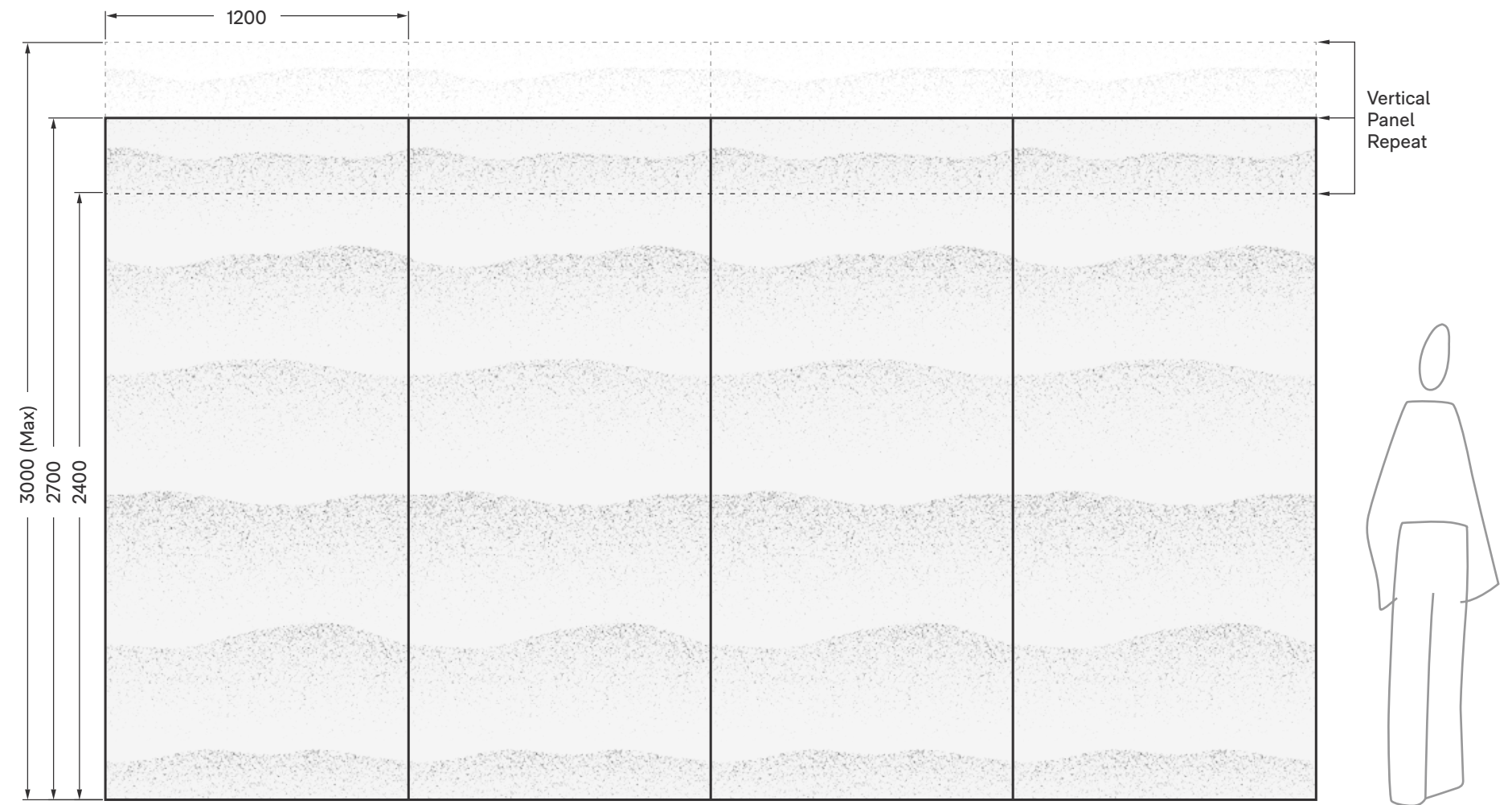


Mirage panels have 45° bevelled edges as standard

Panel Details



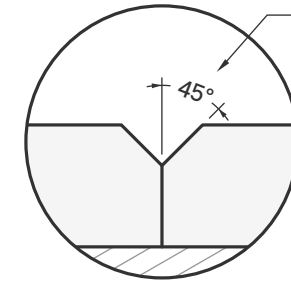
Layout Overview





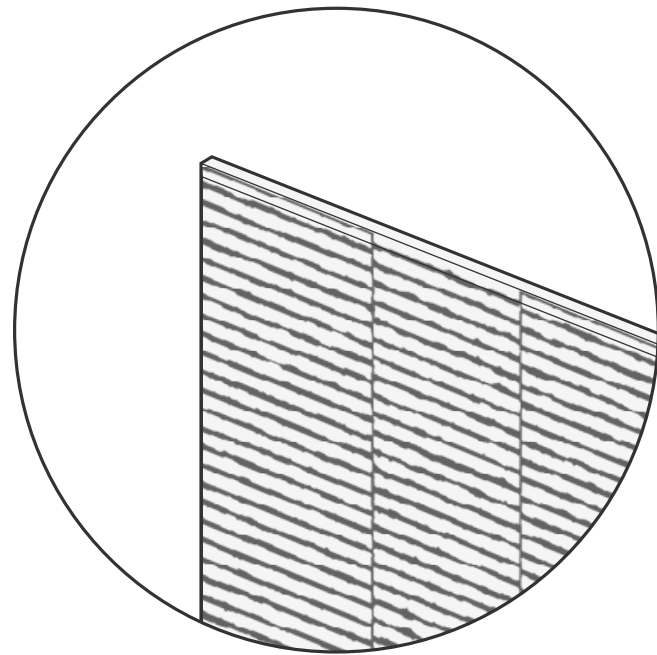
Offset

- Offset has a single pattern design
- Pattern repeat: 1200mm horizontal
- Bevelled edges conceal potential misalignment and assist clean installation horizontally and vertically

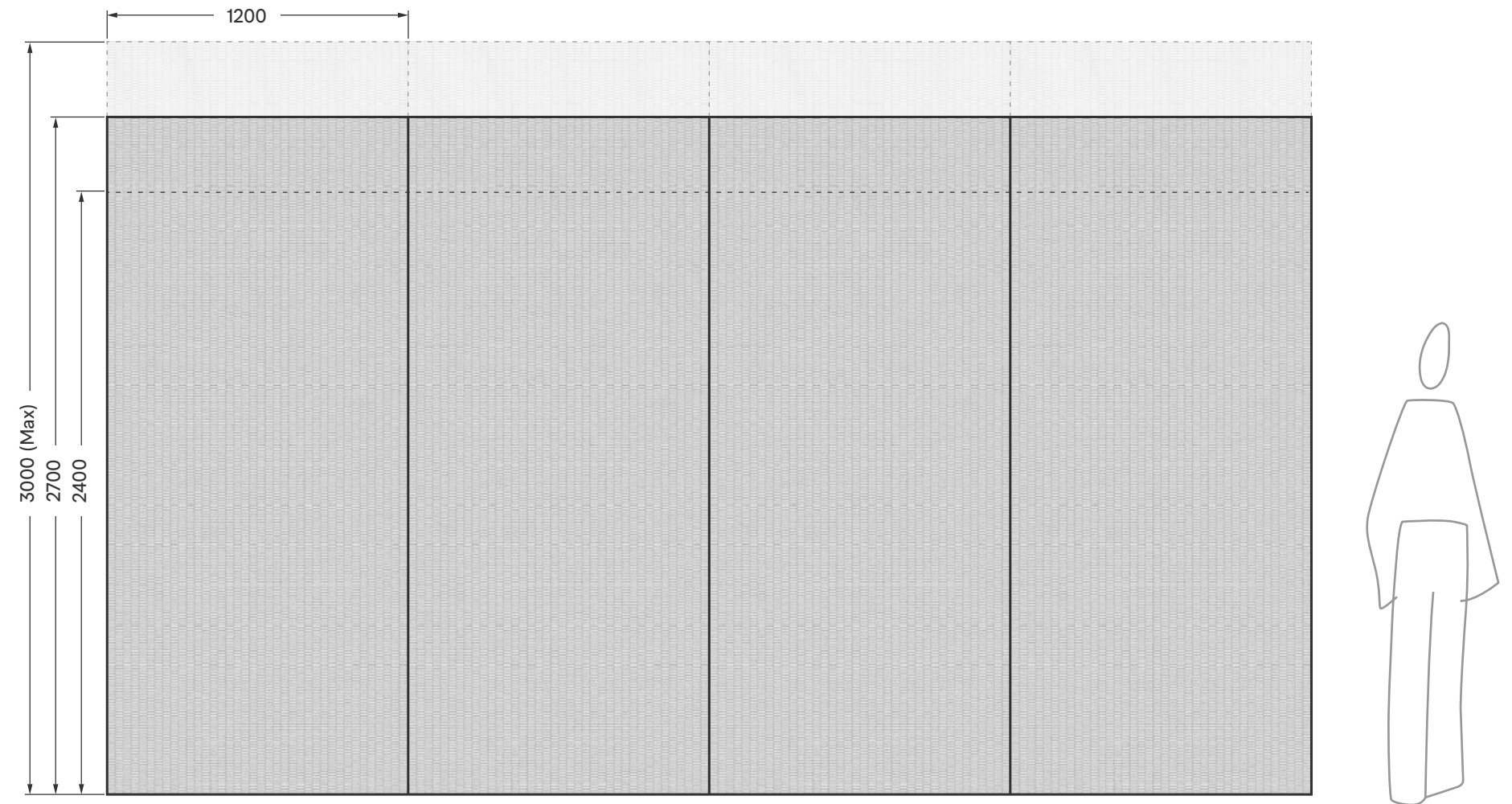


Mirage panels have 45° bevelled edges as standard

Panel Details



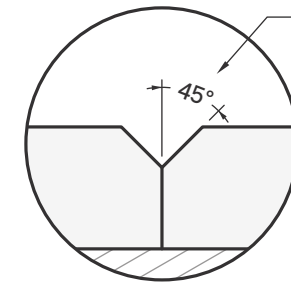
Layout Overview





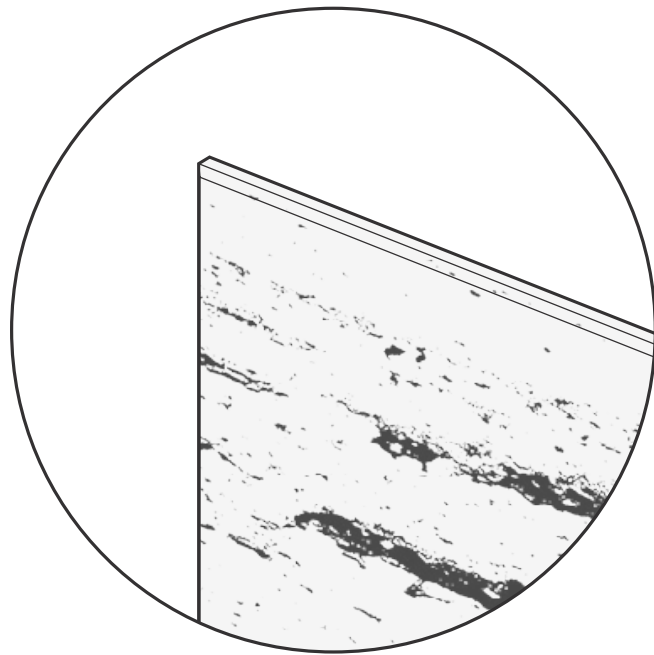
Lapis

- Lapis has a single pattern design
- Pattern repeat: 1200mm horizontal
- Bevelled edges conceal potential misalignment and assist clean installation horizontally and vertically
- Panels can be rotated 180° during installation to achieve the flip layout and minimise pattern repetition (flipped layout shown below)

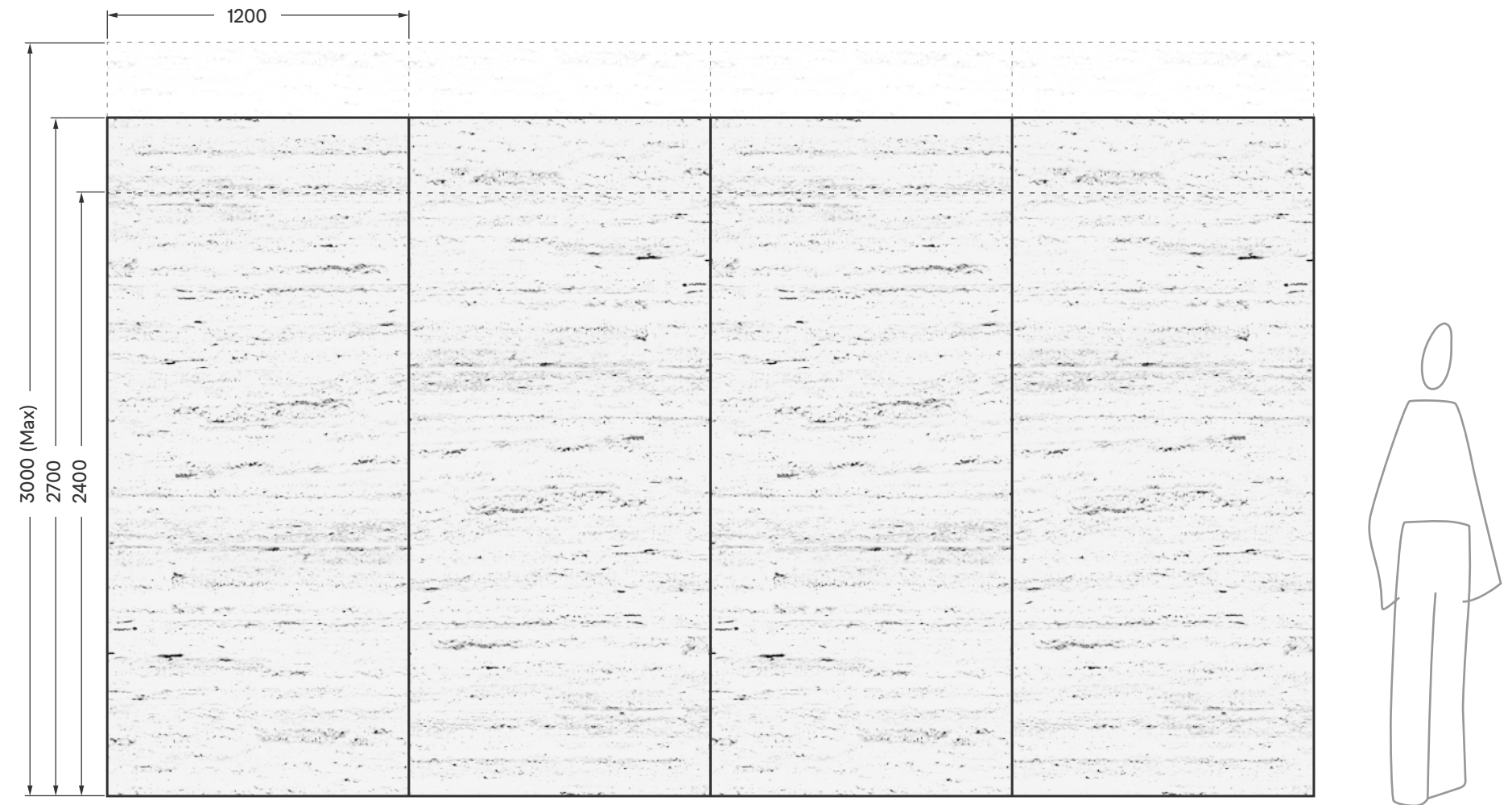
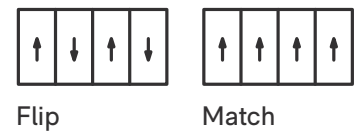


Mirage panels have 45° bevelled edges as standard

Panel Details



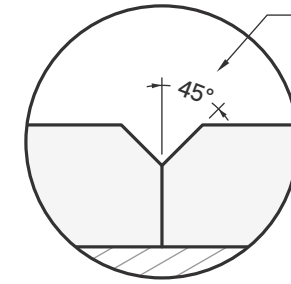
Layout Overview





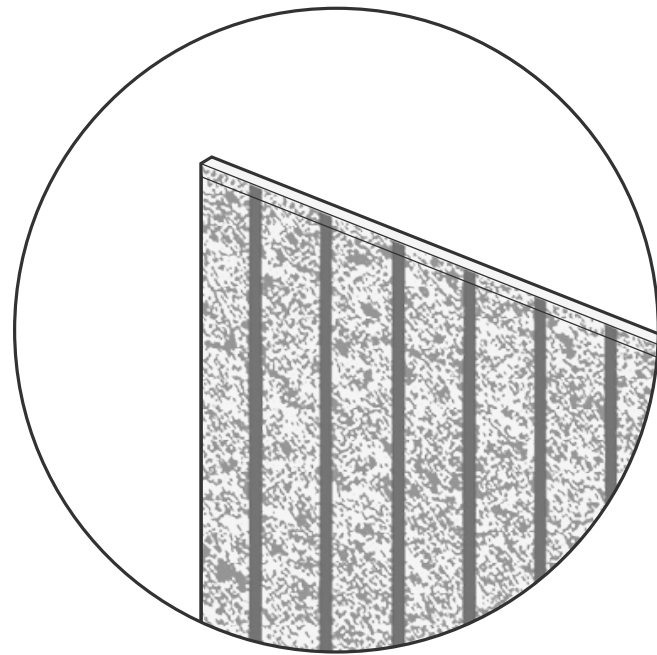
Brutalist

- Brutalist has a single pattern design
- Pattern repeat: 1200mm horizontal
- Bevelled edges conceal potential misalignment and assist clean installation horizontally and vertically

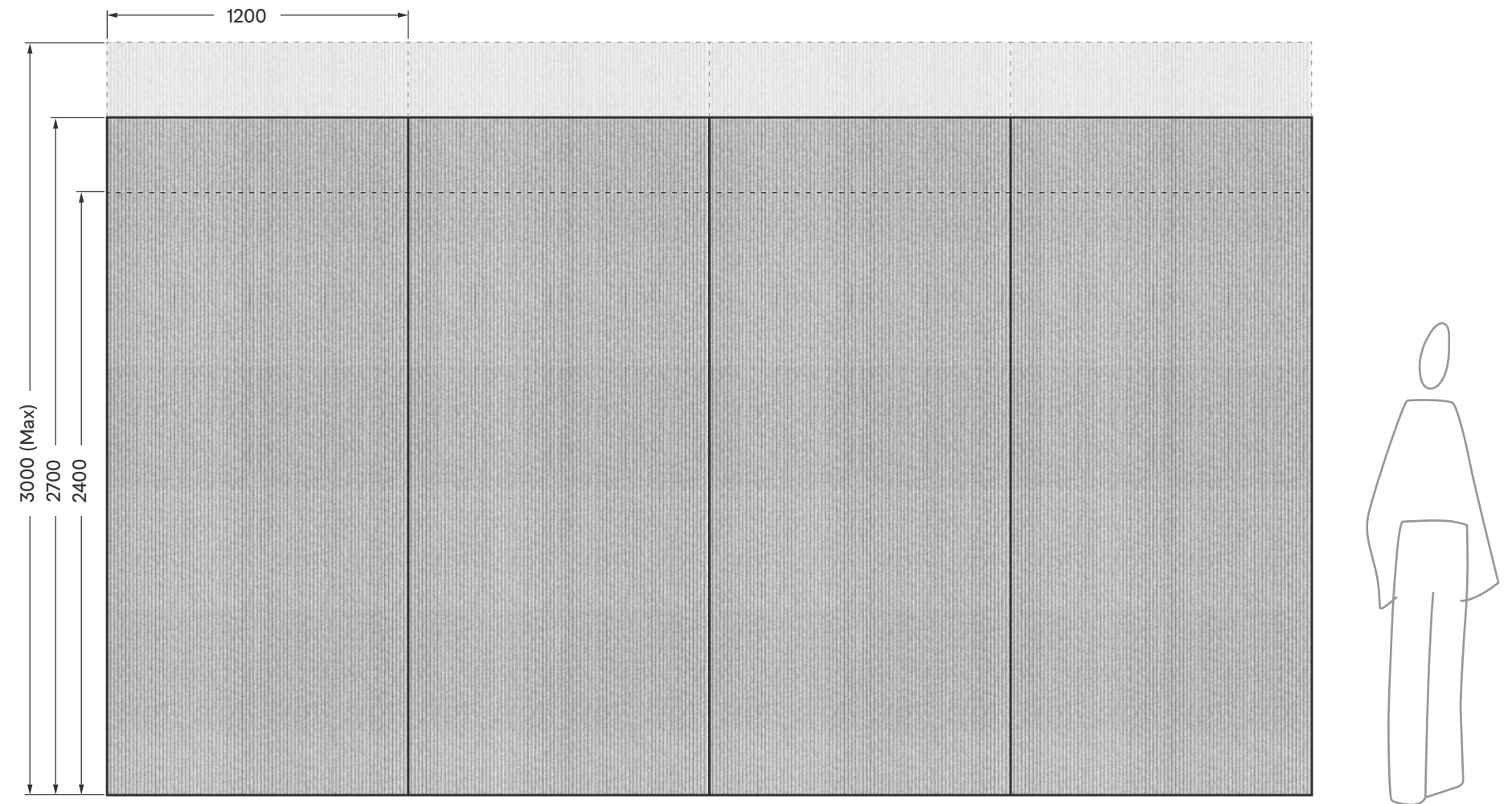


Mirage panels have 45° bevelled edges as standard

Panel Details



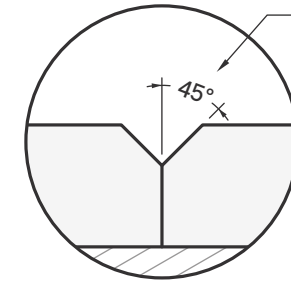
Layout Overview





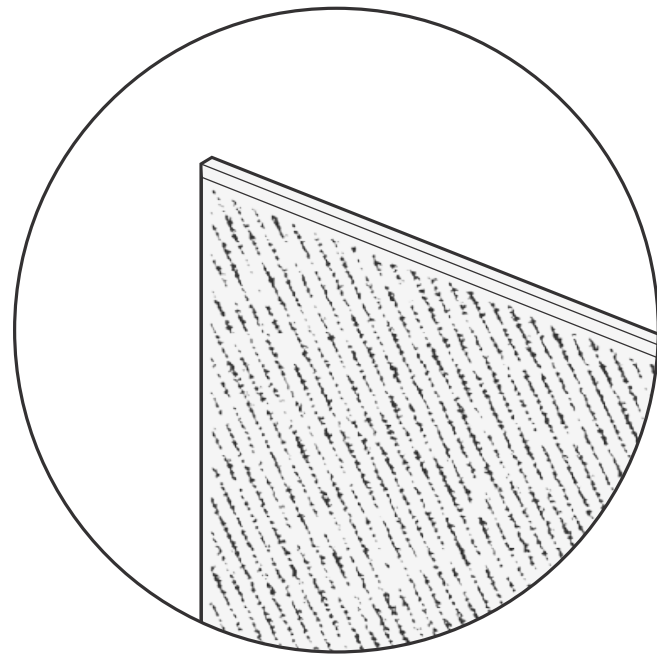
Boucle

- Boucle is a single pattern design, made of 600mm x 300mm cells
- Pattern repeat: 1200mm horizontal; 2400, 2700, and 3000mm vertical
- This allows for vertical panel tiling if required also means panels of varying heights will match horizontally
- Bevelled edges conceal potential misalignment and assist clean installation horizontally and vertically

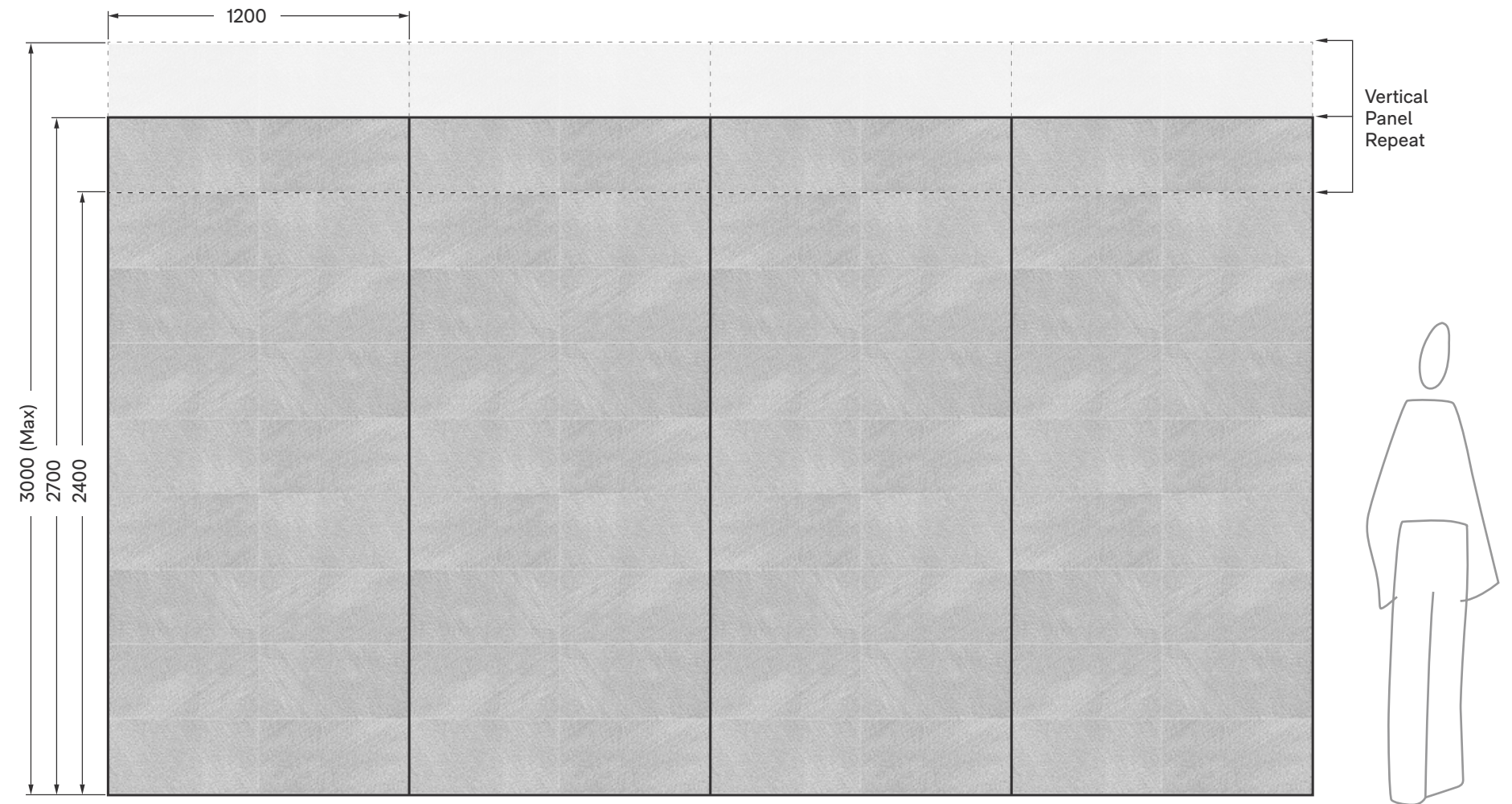


Mirage panels have 45° bevelled edges as standard

Panel Details



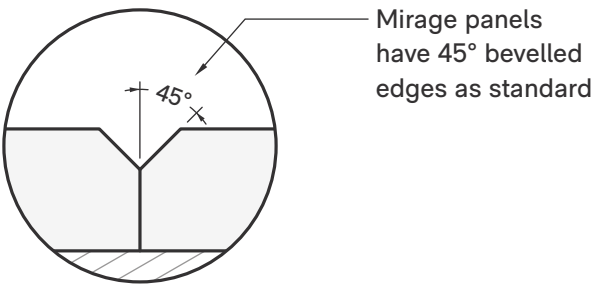
Layout Overview



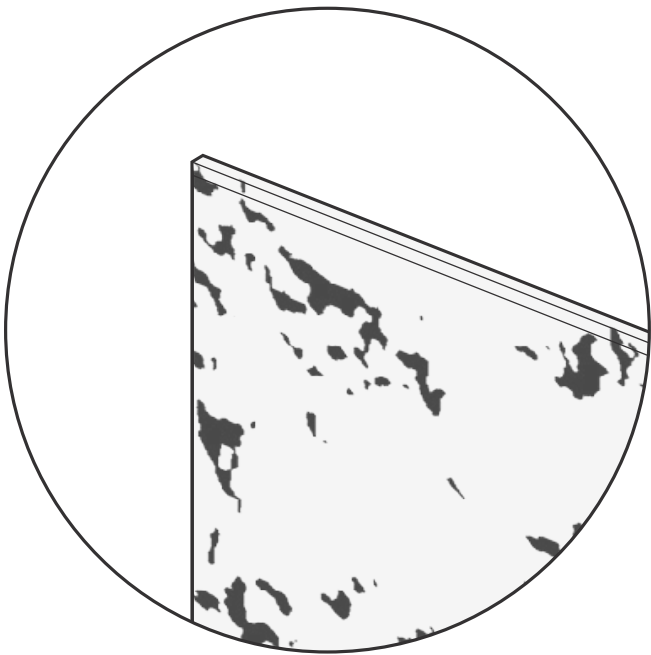


Mortar

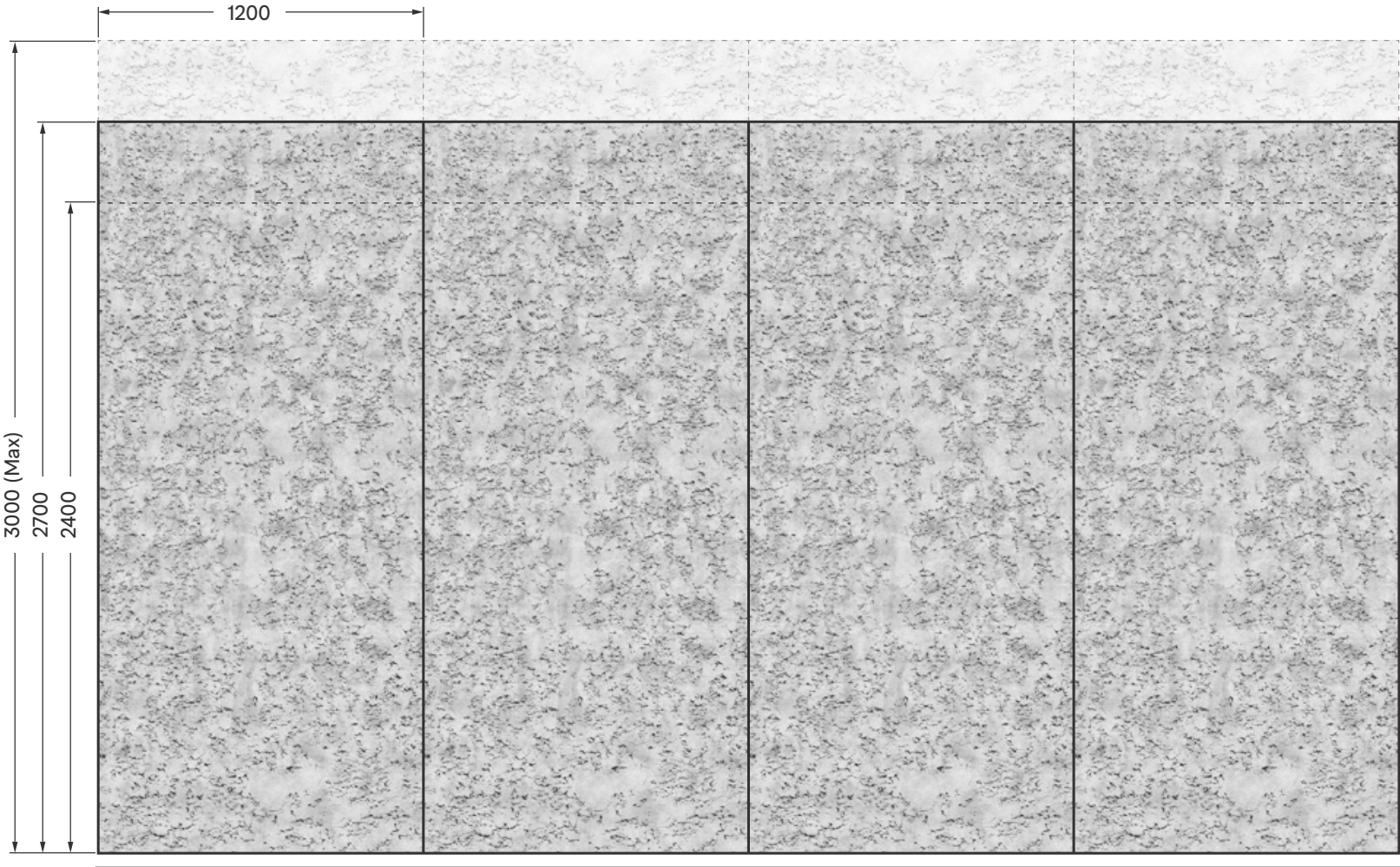
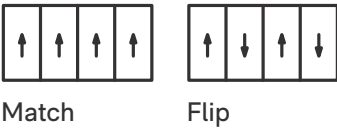
- Mortar has a single pattern design
- Pattern repeat: 1200mm horizontal
- Bevelled edges conceal potential misalignment and assist clean installation horizontally and vertically
- Panels can be rotated 180° during installation to achieve the flip layout and minimise pattern repetition (matched layout shown below)



Panel Details



Layout Overview

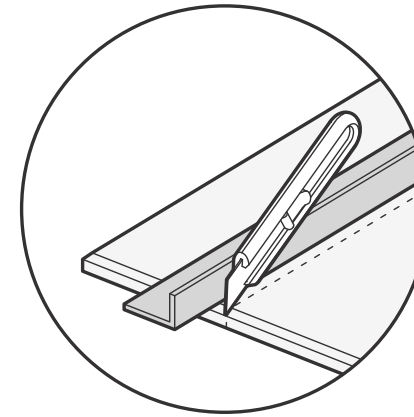




Detail Considerations

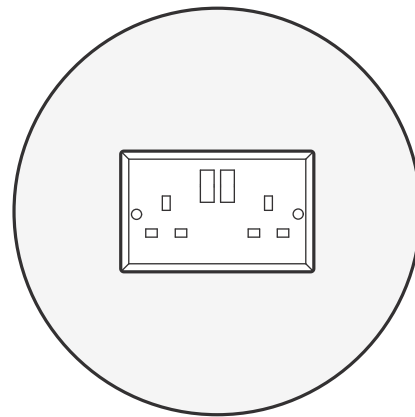
Trimming Panel

Mirage Textured Panels can be cut on-site if required.
We recommend using a snap-blade knife and straight edge.



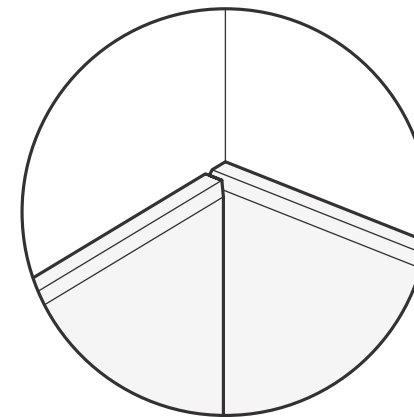
Power Outlets and Light Switches

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 Mirage Textured Panels wall has an exposed edge, we recommend starting the install from that end, and cutting the final panel to fit into this lap join.





Colours

Cube™ Colours

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



Pavilion



Opera



Parthenon



Senado



Beehive



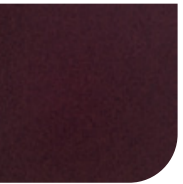
Terrace



Canyon



Petra



Sargazo



Savoye



Colosseum*



Rushmore*



Flatiron*



Cavalier



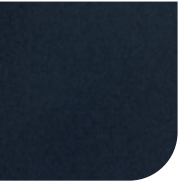
Marina



Falling Water



Muralla



Pinnacle



Acros



Park



Highland



Gherkin



Tree House



Caspian



Empire



Petronas

*Mirage finishing option is not recommended with Colosseum, Rushmore, or Flatiron



Colour Light Reflectance Values

Cube LRVs are measured in accordance with BS 8493:2008+A1:2010

Acros	40
Beehive	33
Canyon	19
Caspian	6
Cavalier	12
Colosseum	52
Empire	5
Falling Water	34
Flatiron	24
Gherkin	8
Highland	19
Marina	36
Muralla	9
Opera	49
Park	23
Parthenon	33
Pavilion	80
Petra	16
Petronas	2
Pinnacle	3
Rushmore	41
Sargazo	4
Savoye	46
Senado	44
Terrace	24
Tree House	3





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 fibre 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 organisation 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	0.45 - 0.80
Content	100% PET, min. 80% recycled
Form	Panel
Dimensions	1200mm x 2400mm, 1200mm x 2700mm, 1200mm x <3000mm
Thickness	12mm, 24mm
Origin	Made in Britain

Acoustic Performance

Mirage Texturted 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
● 12mm Cube		0.05	0.10	0.30	0.65	0.90	0.95	0.45
● 12mm Cube (with 25mm air gap)		0.05	0.30	0.60	0.95	0.95	0.85	0.70
● 24mm Cube		0.05	0.20	0.60	0.90	1.00	1.00	0.70
● 24mm Cube (with 25mm air gap)		0.15	0.40	0.85	0.95	0.95	0.95	0.80

Fire Considerations

BS EN 13501-1: 2018
Classification: Cube 12mm B-s1, d0 Cube 24mm B-s2, d0
Fire test report available on request.

Ten 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 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 10mm plasterboard, the system can resist a 70 joule impact.

- Microbial Resistance (ASTM G21-15):**
Growth Rating: 0
- Pattern:** Non-woven. No pattern repeat.
- Colour Fastness to Light (ISO 105-B02:2014):**
Rating: 6
- Determination of Colourfastness to Rubbing (ISO 105-X12:2016):**
Dry Assessment: 4 - 5
Wet Assessment: 4 - 5
- Average % of water vapour sorption by weight after four days:** 0.4%

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

