



# Fracture Tiles

FilaSorb™ 12

acoufelt  
making quiet

Distributed by



Product Detail

Product	Fracture acoustic tile
Surface	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled Content	60% min.
Dimensions	Deco / Swell - 300 x 300 mm Barcode / Leadlight - 300 x 600 mm Custom size available upon request
Thickness	12mm +/- 10%
Tiles per box	Deco / Swell = 36 tiles Barcode / Leadlight = 18 tiles

Guarantees

Warranty against defects	20 Years*
Light Fastness Warranty	20 Years*
	*conditions apply



QuickShip available

Distributed by



**NSW**  
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Botany New South Wales 2019  
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sales@grayking.com.au

Technical Data

Indoor Air Quality	SCS-EC10.3-2014v4.0 meeting standards CDPH/EHLB Standard Method v1.2-2017, ≤ 0.5mg/m³
Light Fastness	ISO 105-B02 1994, 6-7
Fire Test Method	ISO 9705: 1993 Group 1 AS ISO 9705:2003 Group 1 ASTM E84-17a Class A

Environmental Attributes

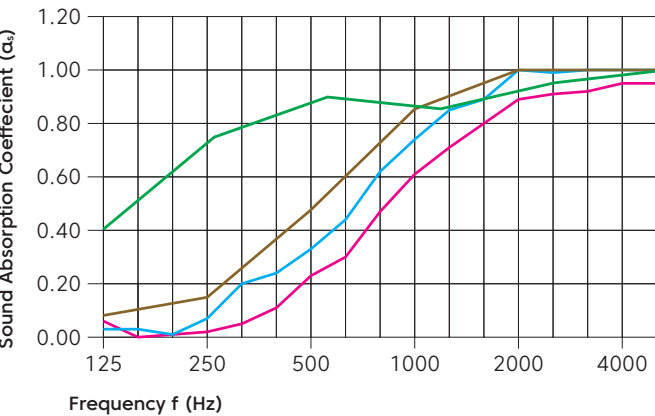
- One square meter diverts 108 x PET (600ml) drinking bottles from landfill
- LCB Red List free
- Phenol & formaldehyde free
- Total VOC's 0.5 mg/m³ or less
- CDPH compliance
- Complies with building standards



Declare. CE

Acoustic Performance

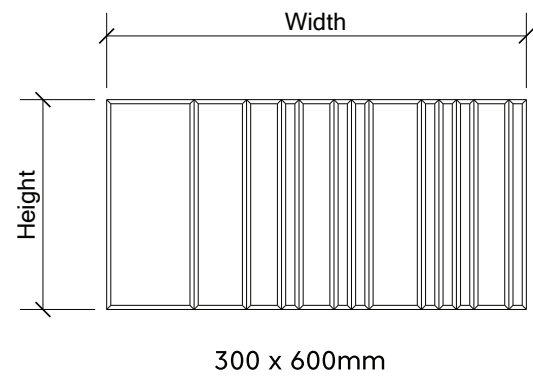
Sound Absorption ISO 354-2006  
NRC 0.45 (no air gap)  
NRC 0.54 (12mm air gap)  
NRC 0.64 (20mm air gap)  
NRC 0.85 (200mm air gap)



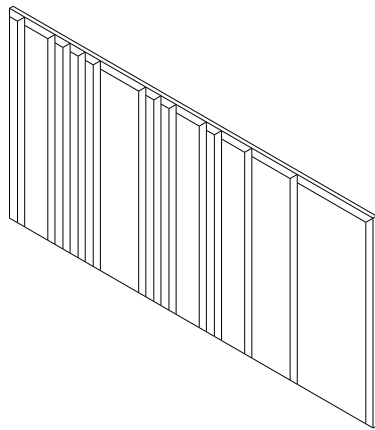
Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
αs no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
αs 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
αs 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64
αs 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85

# Barcode Design

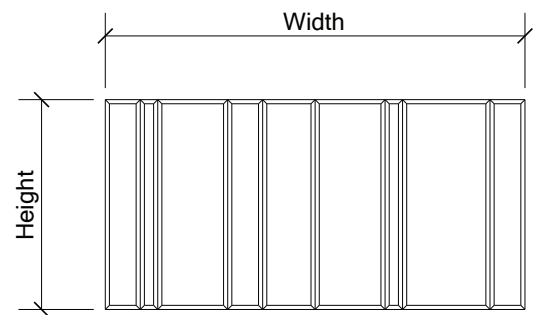
Barcode 1 Elevation



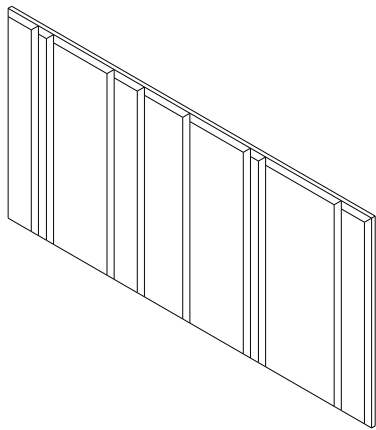
Barcode 1 Perspective



Barcode 2 Elevation

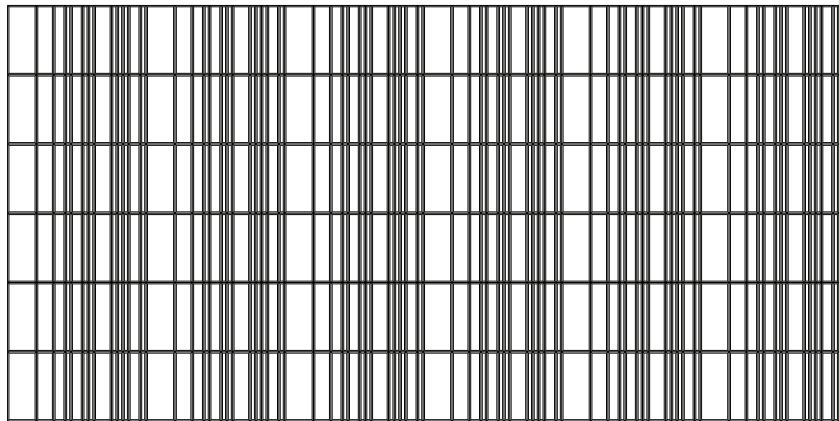


Barcode 2 Perspective

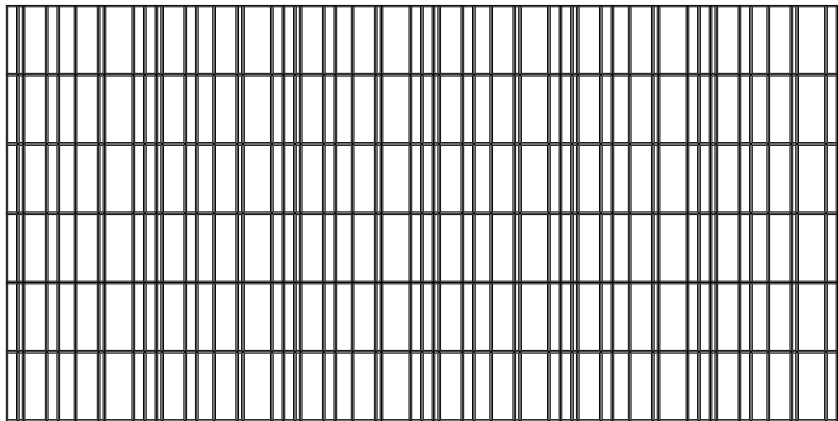


# Recommended Layout

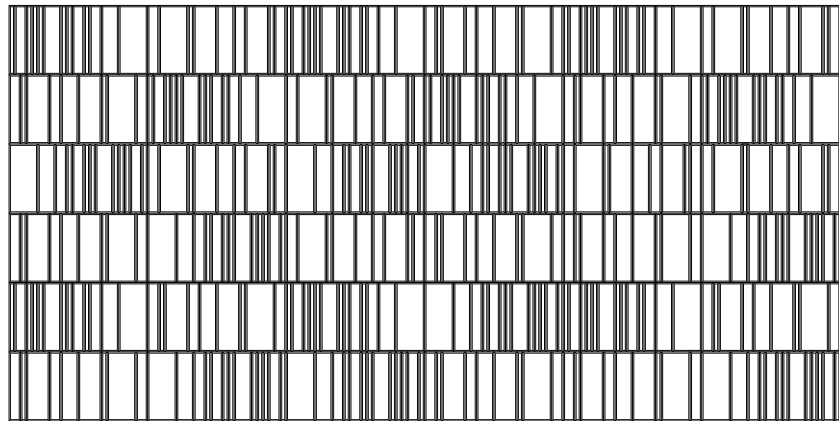
Barcode 1 Layout



Barcode 2 Layout

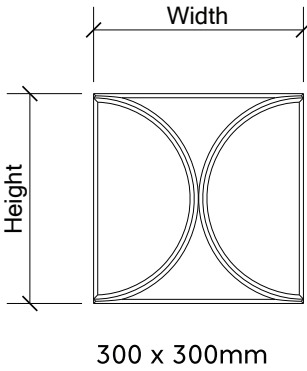


50% Barcode 1 And 50% Barcode 2 Layout

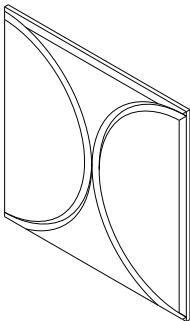


# Deco Design

Elevation

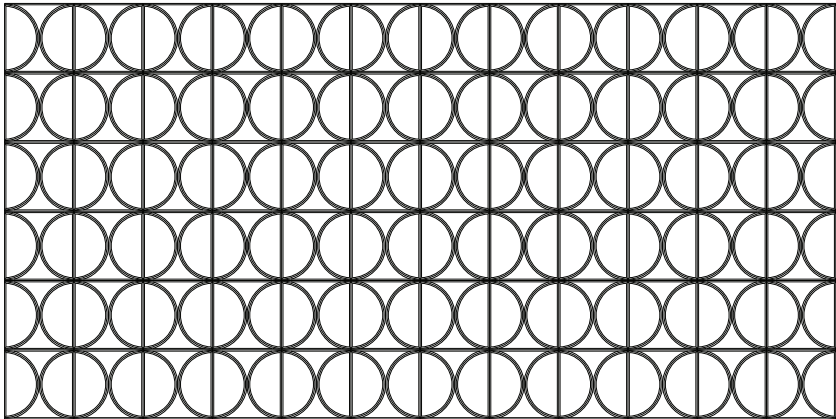


Perspective

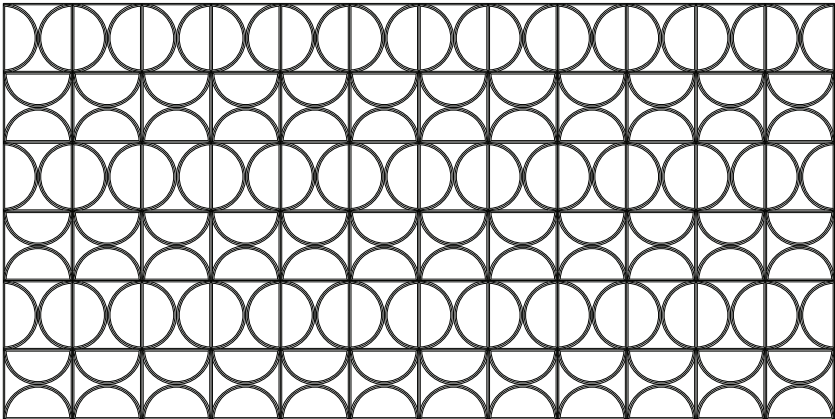


# Recommended Layout

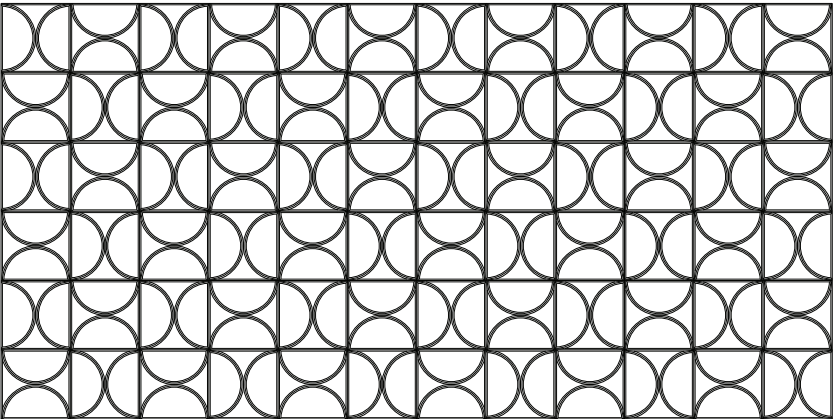
Layout 1



Layout 2



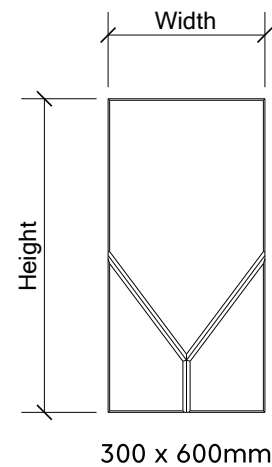
Layout 3



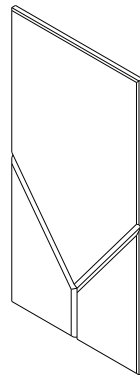


# Leadlight Design

Elevation

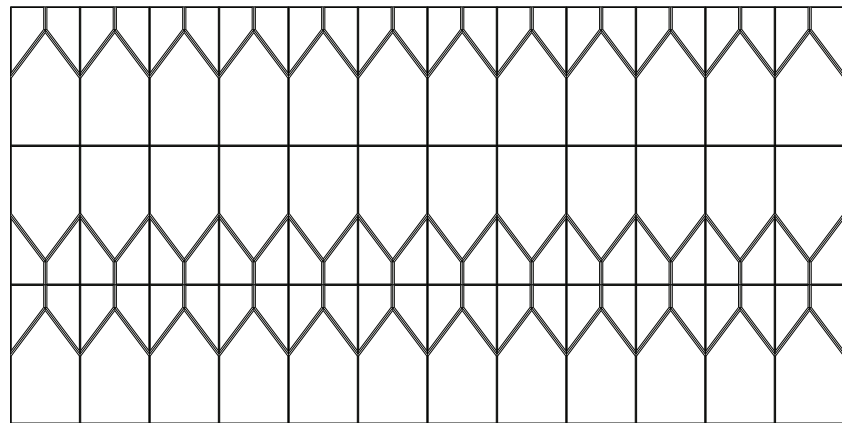


Perspective

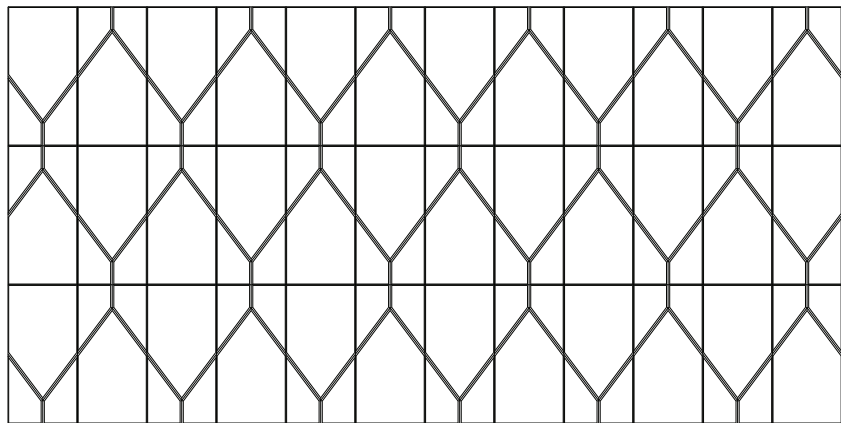


# Recommended Layout

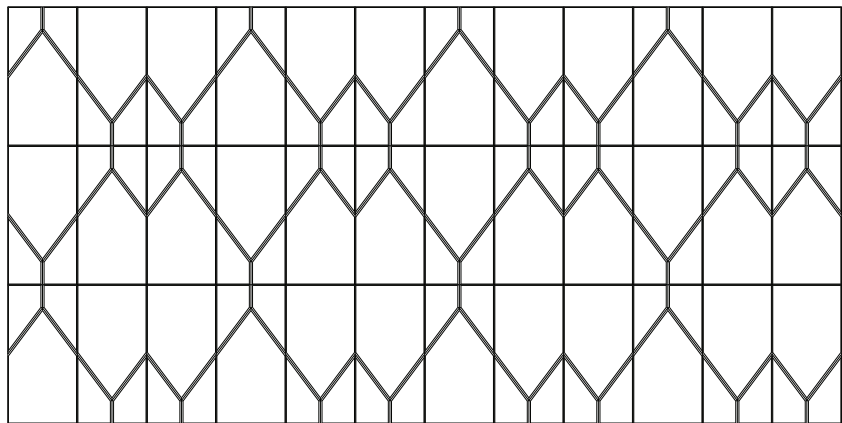
Layout 1



Layout 2

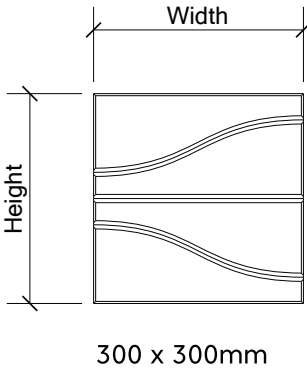


Layout 3

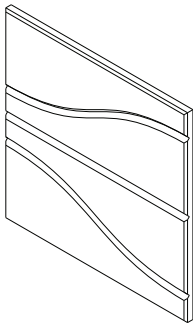


# Swell Design

Elevation

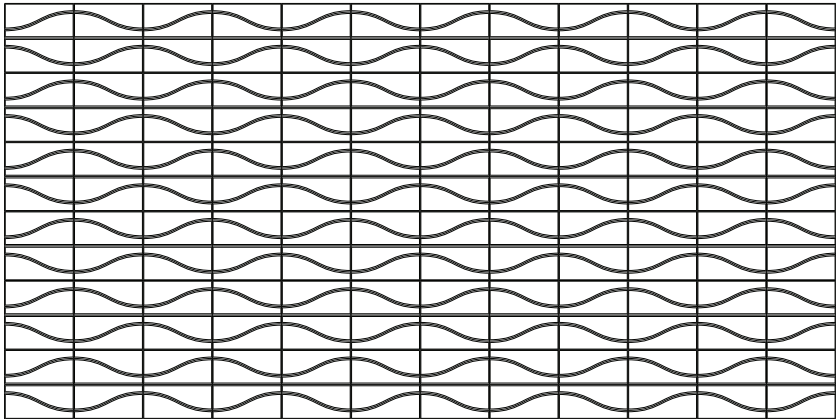


Perspective

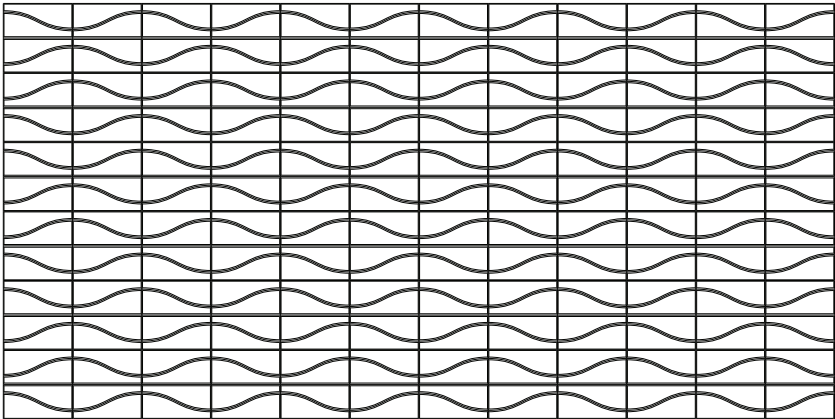


# Recommended Layout

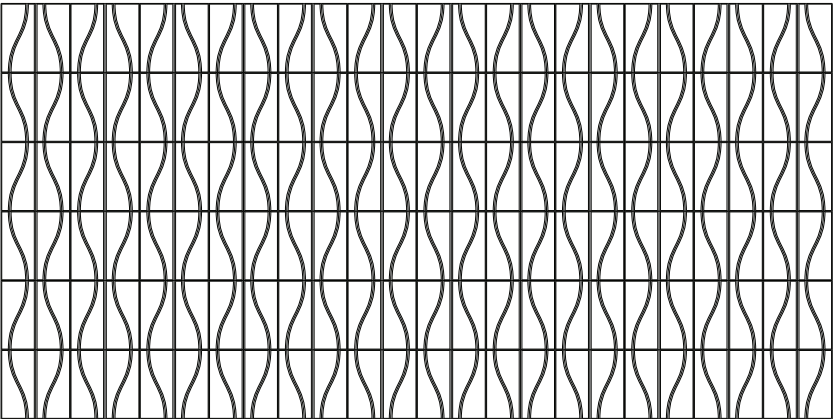
Layout 1



Layout 2



Layout 3





# Colorways



Peppercorn



Lipstick Red



Carrot



Peach



Butter



Popcorn



Pistachio



Thistle



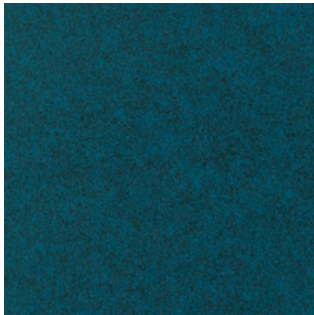
Oregano



Kale



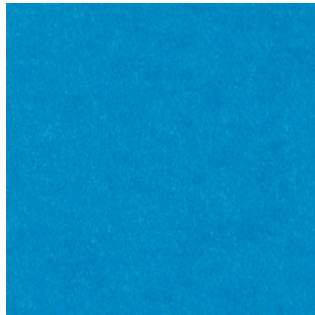
Wasabi



Denim



Peacock



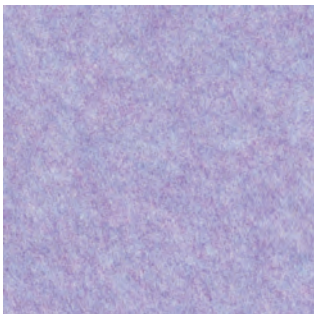
Azur



Marine



Periwinkle



Lilac



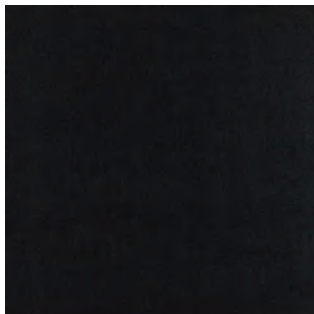
Iris



Berry



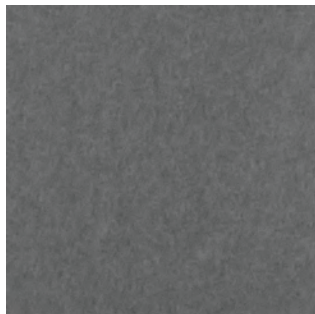
Midnight



Piano Black



Charcoal



Slate



Grey



Metal



Platinum



White



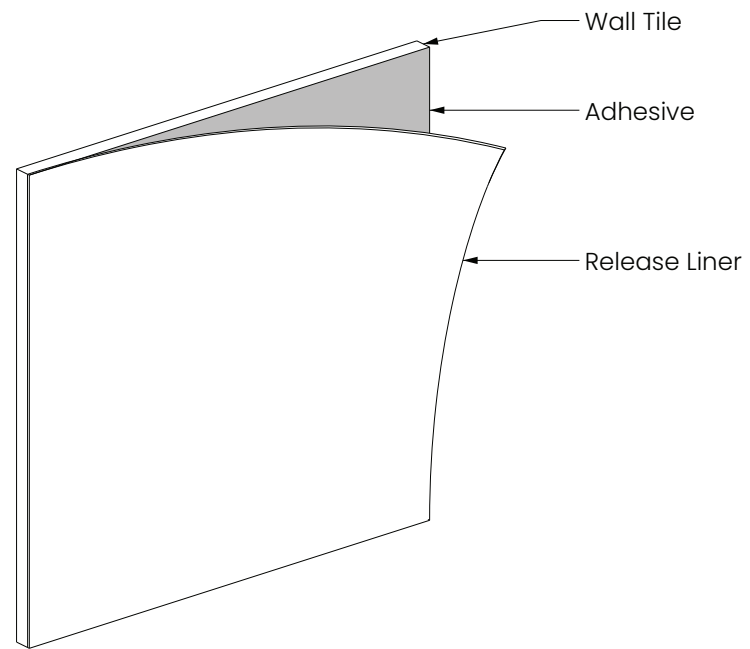
Ivory



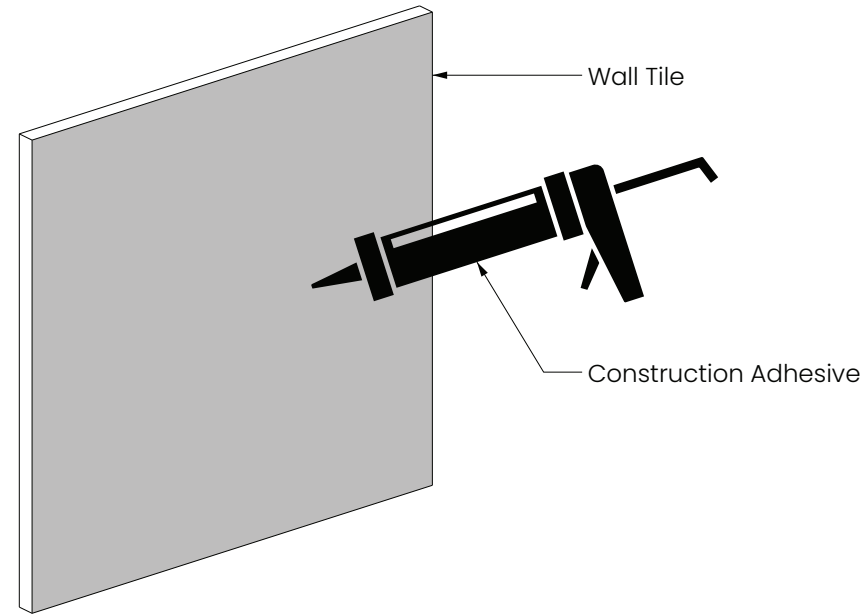
Pearl

# Mounting Methods

Adhesive Backing



Construction Adhesive



Z-Clip Mount

