



Fracture Tiles

FilaSorb™ 12

acoufelt
making quiet

Product Detail

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2400gsm
Thickness	12mm +/- 10%
Dimensions	300 x 300mm 300 x 600mm Custom size available upon request
Quantity per carton	300 x 300mm – 36 tiles 300 x 600mm – 18 tiles

Sustainability



Made from 60% min. recycled content



Declare Red List Free (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end of lifespan



Total VOC's less than 0.5 mg/m³ (3rd Party Verified)



Technical Data

Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number SMOGR _{ARC} (in m2/s2 x 1000)	Group 1 0.93
Fire test method	ASTM E48
Classification	Class A
Flame spread index	15
Smoke developed index	200
Fire test method	EN 13501-1: 2019
Classification	B-s1, d0
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m ³
Colorfastness test method	ISO 105-B02
Rating	6-7

Guarantees

Warranty against defects	20 years*
Colorfastness warranty	20 years*
	*conditions apply

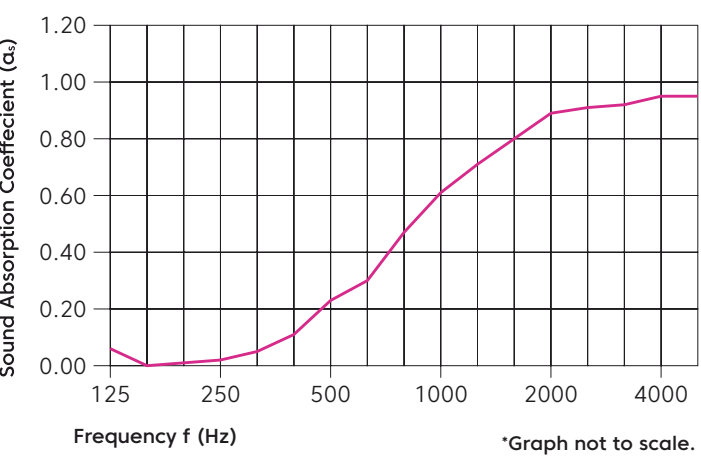
QuickShip



Ask our team about our QuickShip options.

Acoustic Performance

Test method	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room
Installation method	A, tested with no air gap
Rating method	ISO 11654-1997 Acoustic – sound absorbers for use in buildings – rating of sound absorption
Test results	NRC 0.45 no air gap aw 0.25 (H) no air gap, Class E



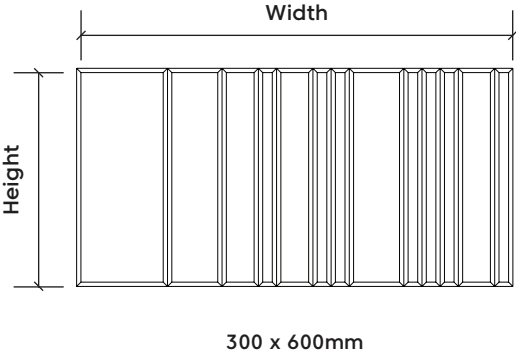
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45

Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves 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. Customisation 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

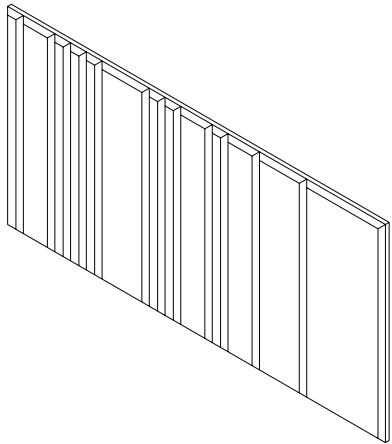


Barcode Design

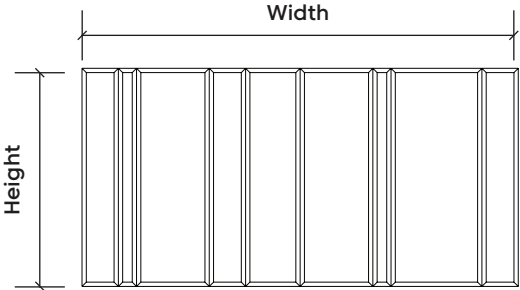
Barcode 1 Elevation



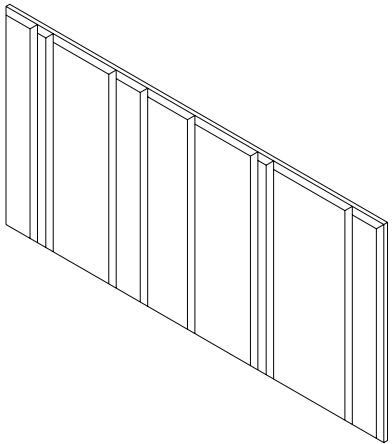
Barcode 1 Perspective



Barcode 2 Elevation

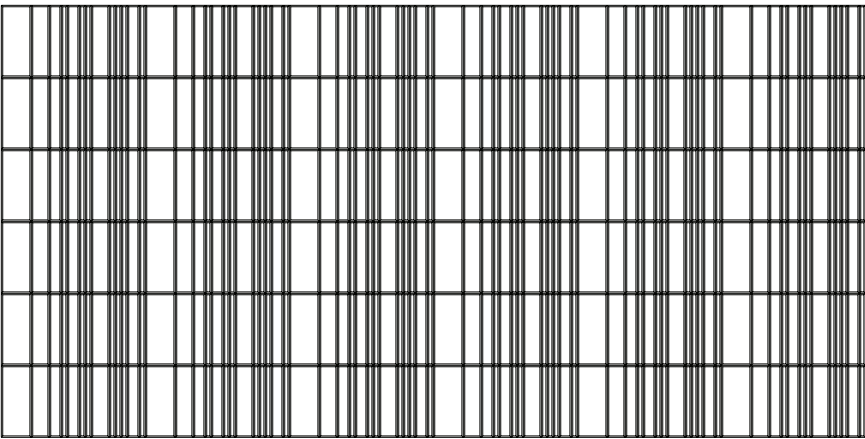


Barcode 2 Perspective

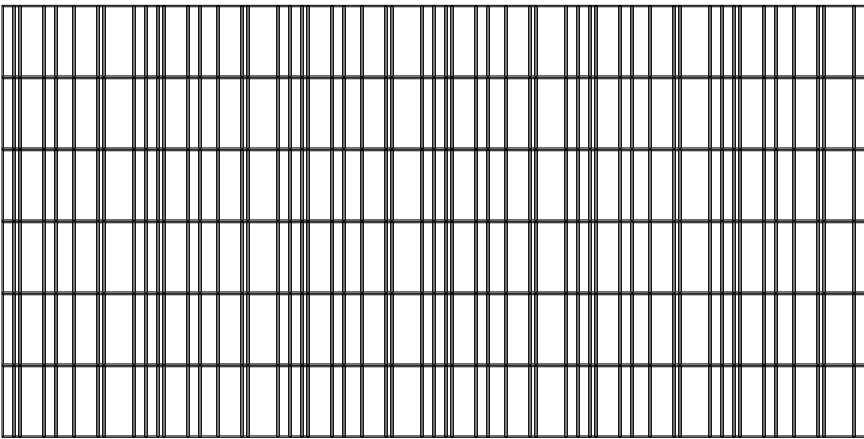


Recommended Layout

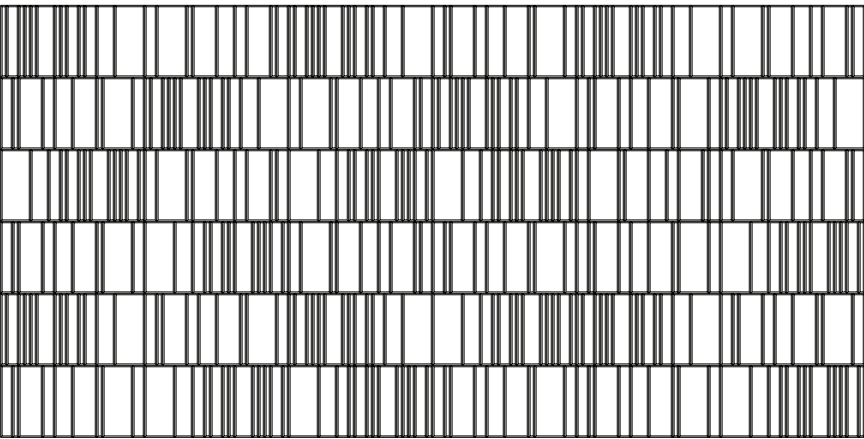
Barcode 1 Layout



Barcode 2 Layout

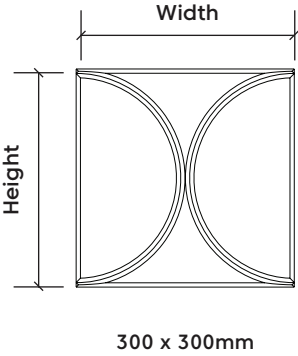


50% Barcode 1 & 50% Barcode 2 Layout

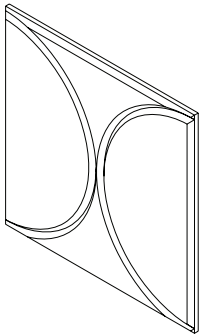


Deco Design

Elevation

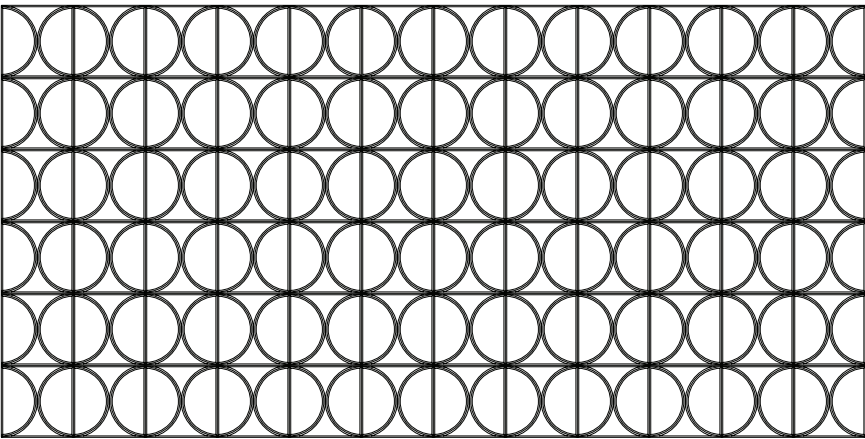


Perspective

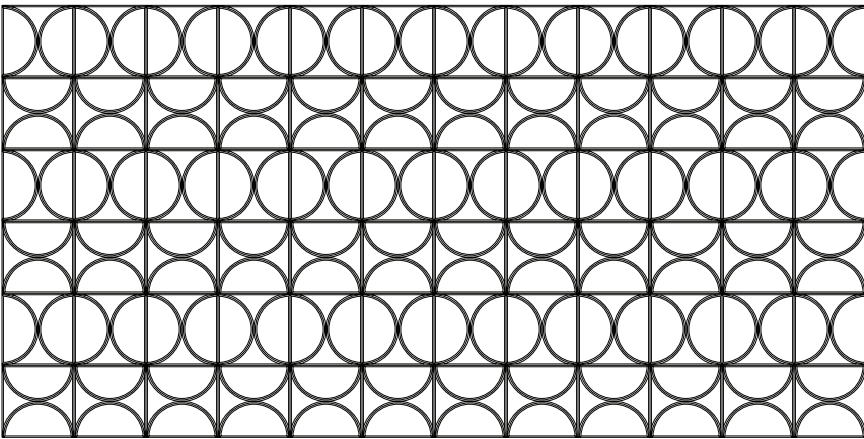


Recommended Layout

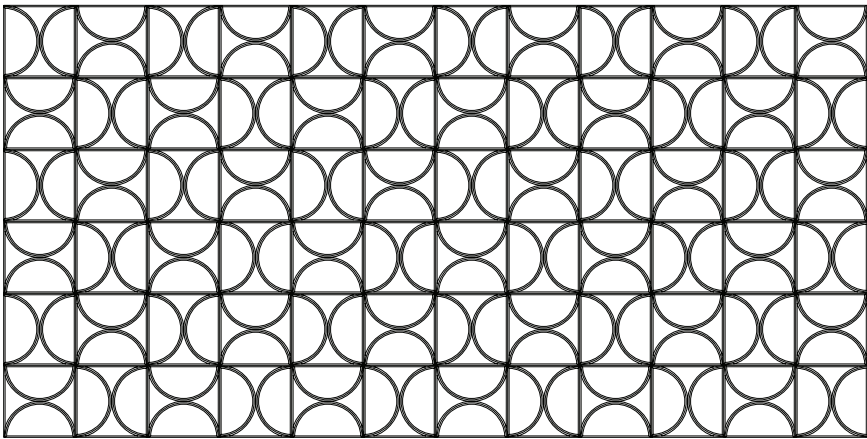
Layout 1



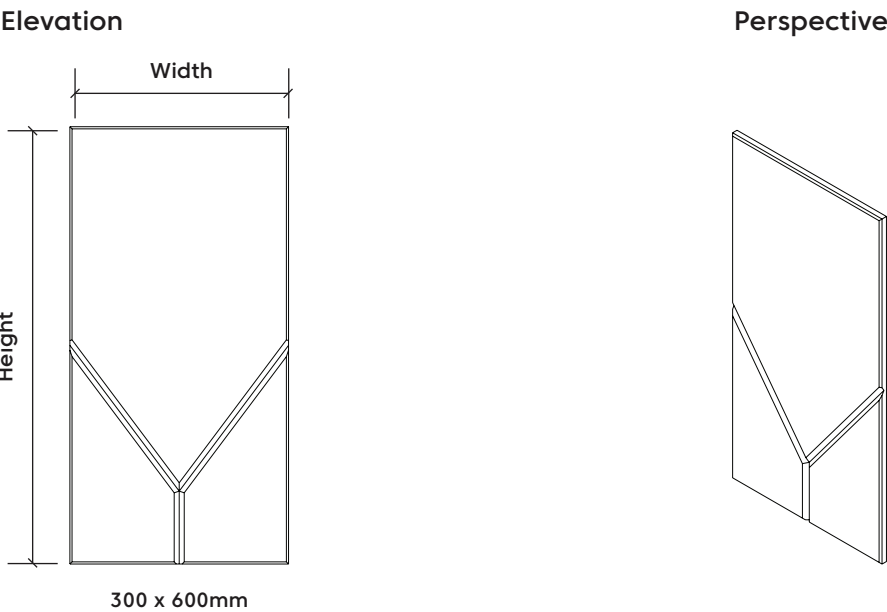
Layout 2



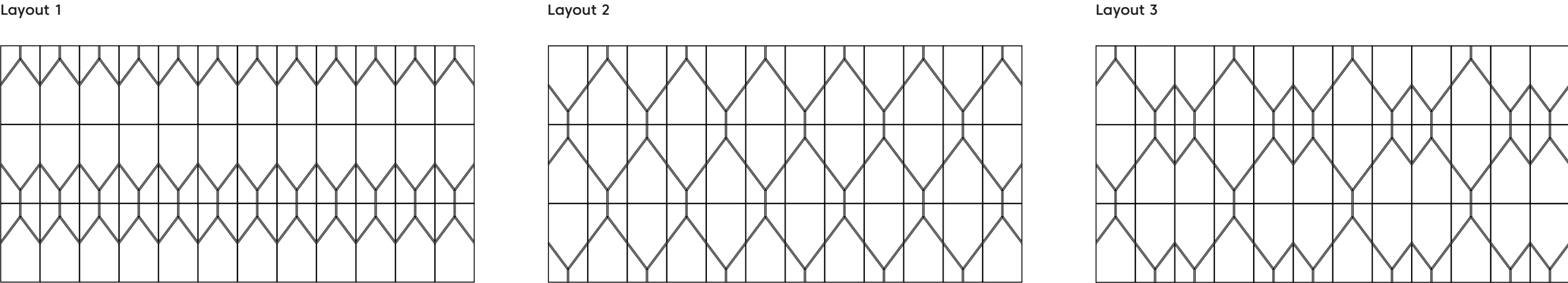
Layout 3



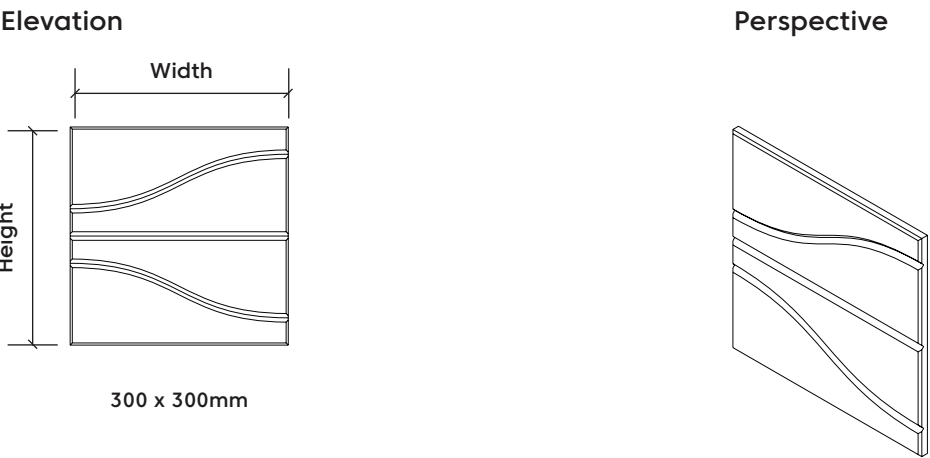
Leadlight Design



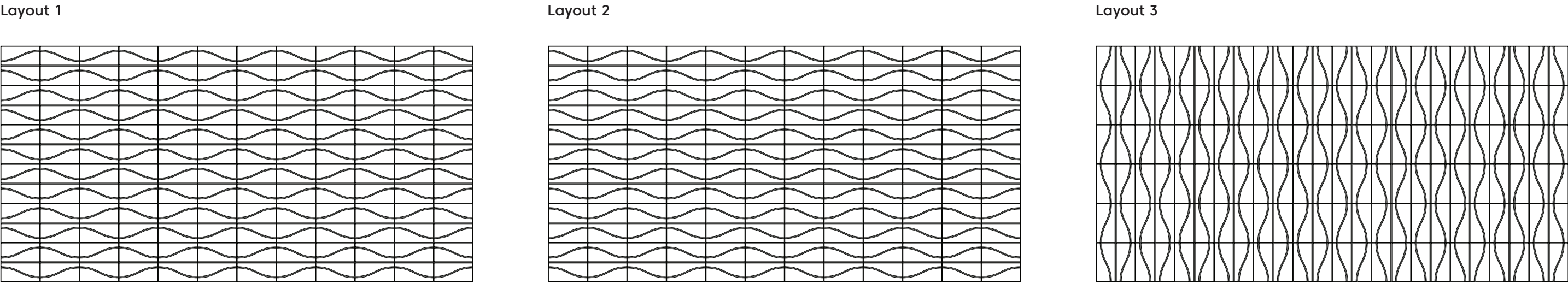
Recommended Layout



Swell Design

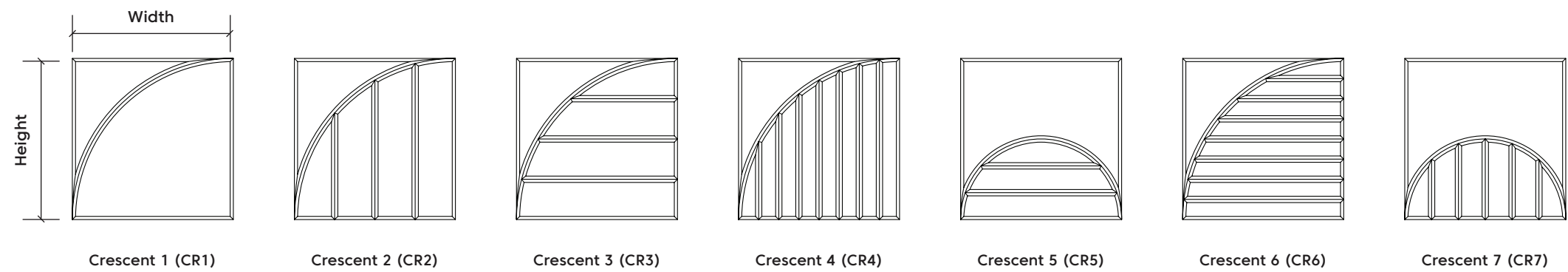


Recommended Layout



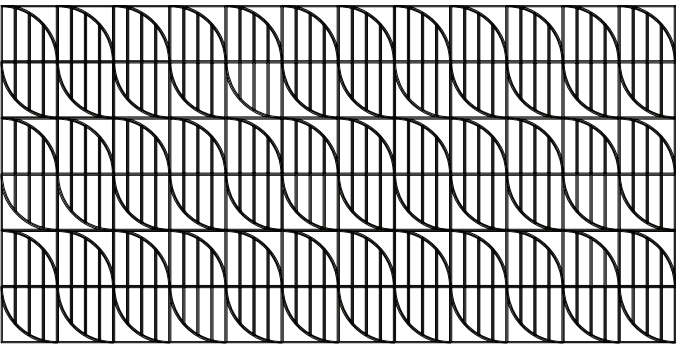
Crescent Design

Elevation – 300 x 300mm

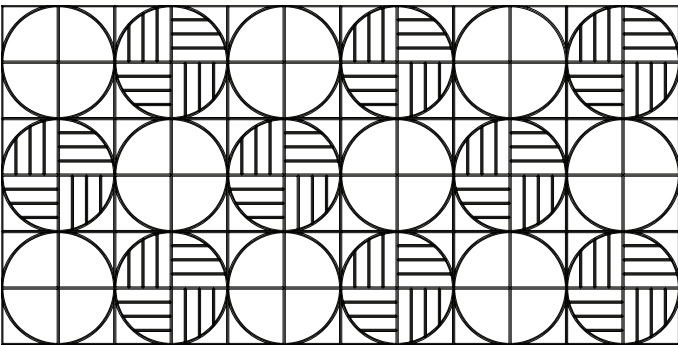


Recommended Layout

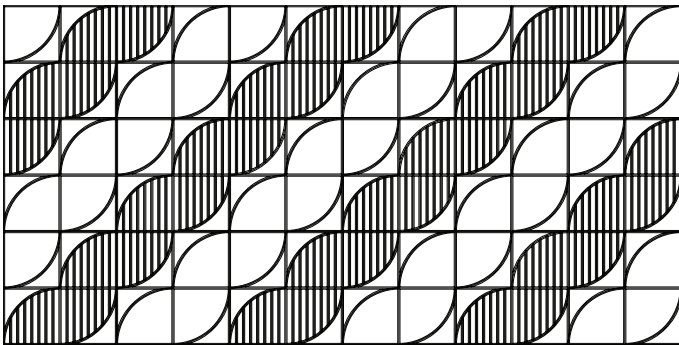
Layout 1 – 100% CR3



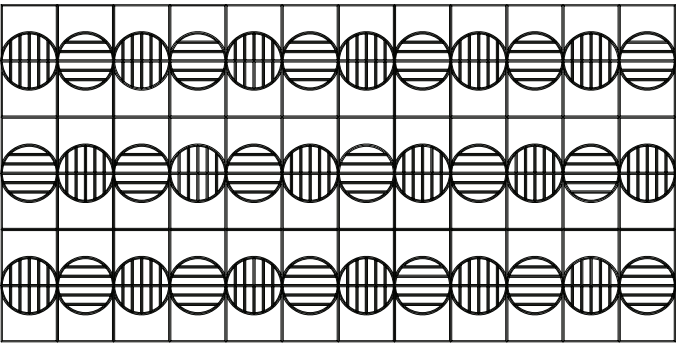
Layout 2 – 50% CR1 & 50% CR2



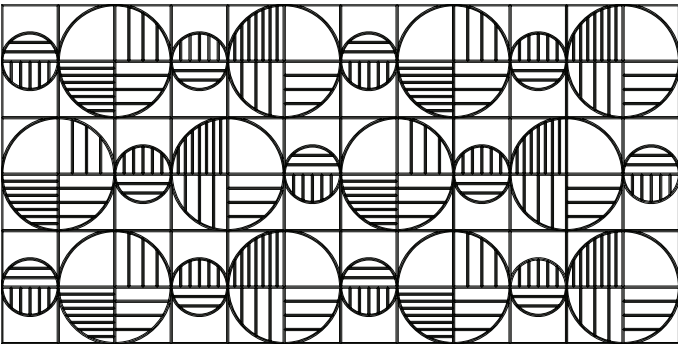
Layout 3 – 50% CR1 & 50% CR4



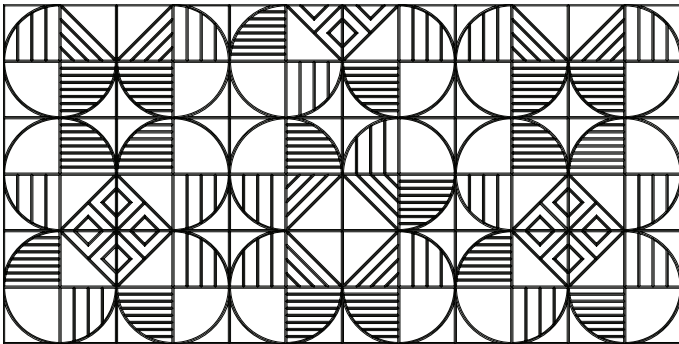
Layout 4 – 50% CR6 & 50% CR7



Layout 5 – 16.5% CR1, CR4, CR6, CR7 & 34% CR3

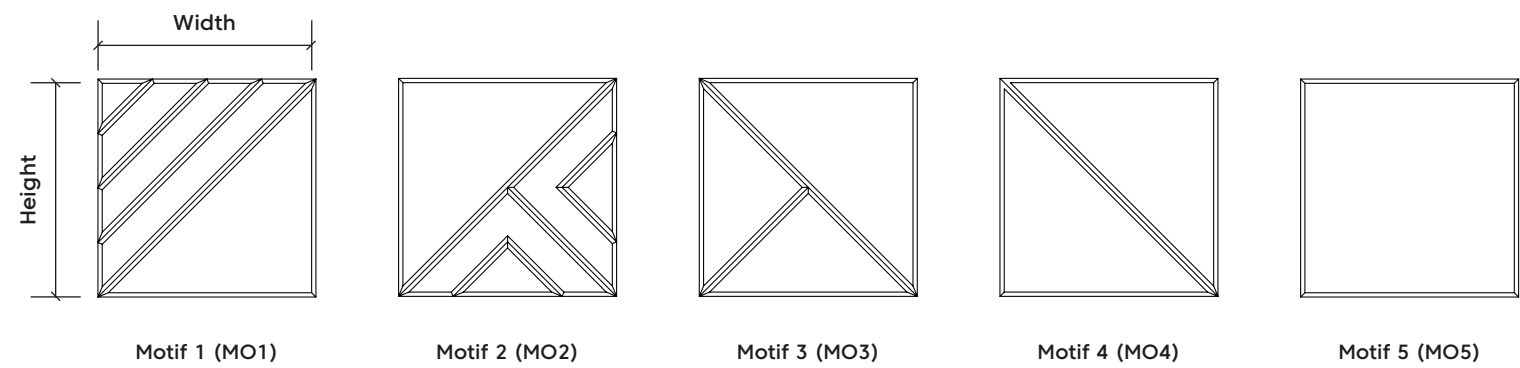


Layout 6 – 24% CR1 & CR2, CR3, CR4, CR5 & 14% M01 & M02* (*layout contains Motif family pattern)



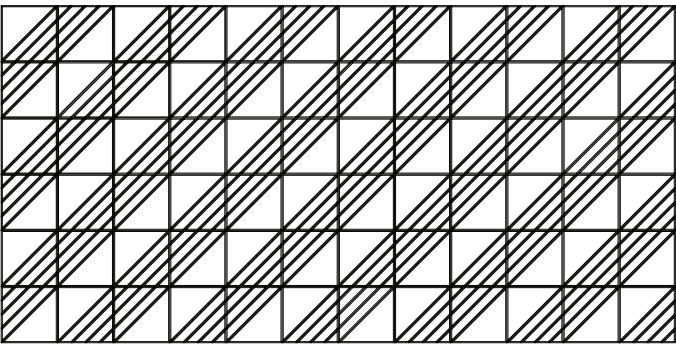
Motif Design

Elevation – 300 x 300mm

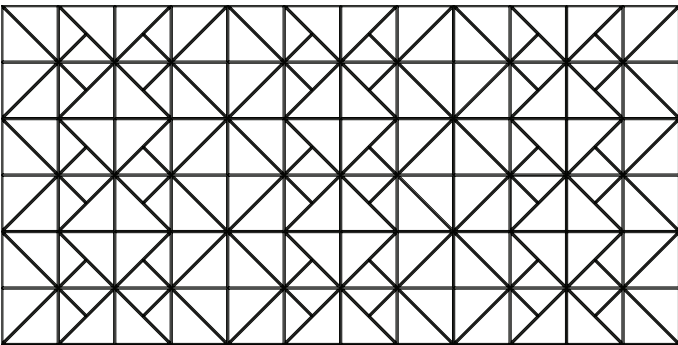


Recommended Layout

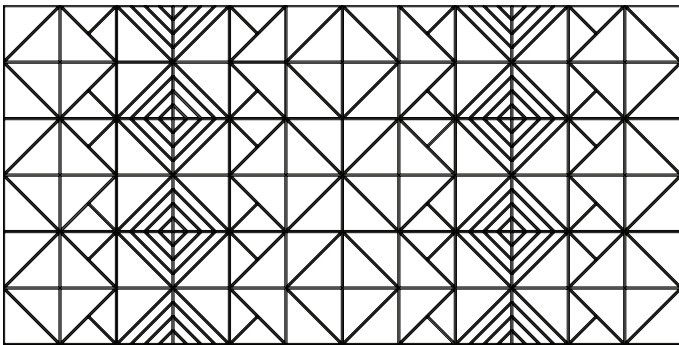
Layout 1 – 100% MO1



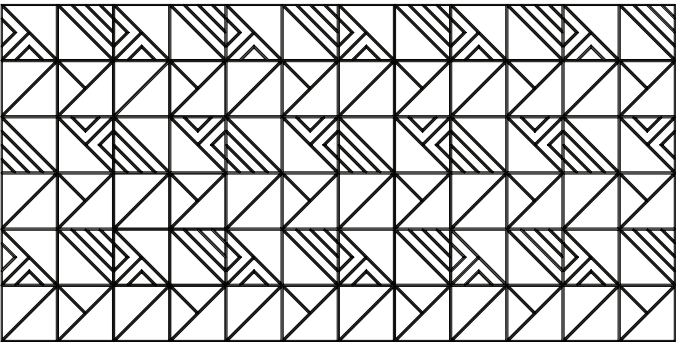
Layout 2 – 50% MO3 & 50% MO4



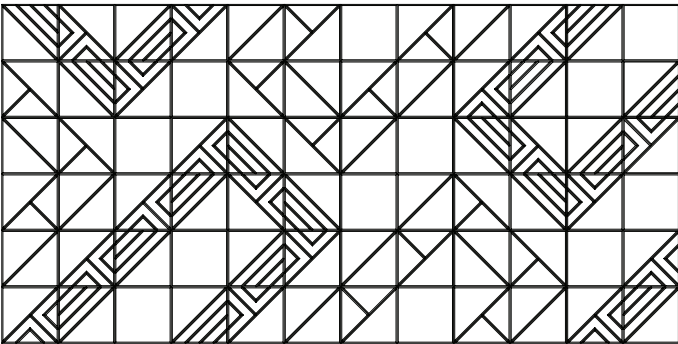
Layout 3 – 33.3% MO1 & 33.3% MO2 & 33.3% MO4



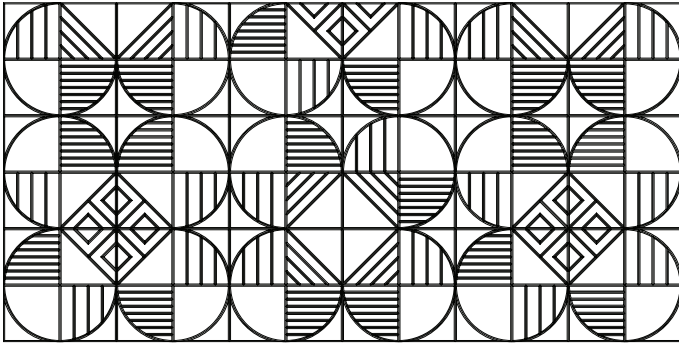
Layout 4 – 18% MO1, MO2, MO3 & MO4



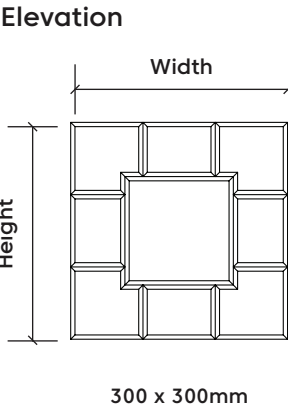
Layout 5 – 24% MO1, MO2 & 18% MO3, MO4 & 16% MO5



Layout 6 – 14% MO1 & MO2 & 24% CR1 & 12% CR2, CR3, CR4 & CR5* (*layout contains Crescent family pattern)

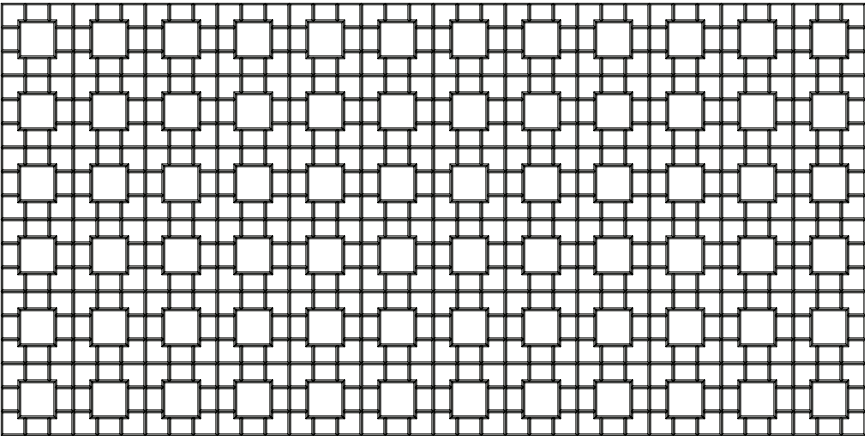


Plaza Design

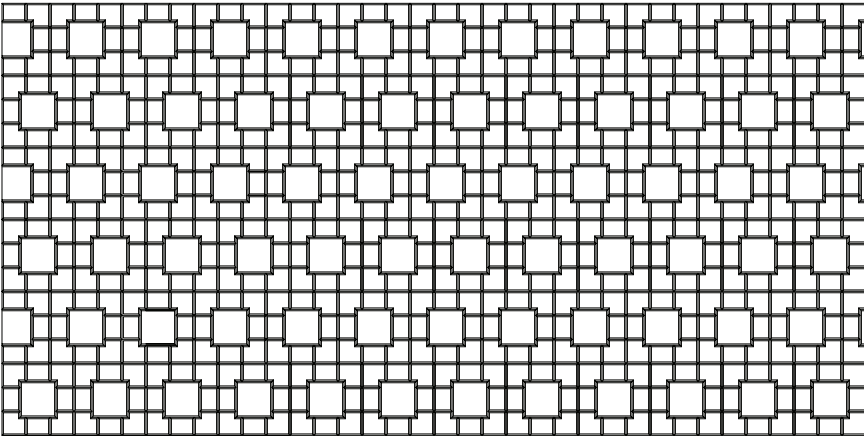


Recommended Layout

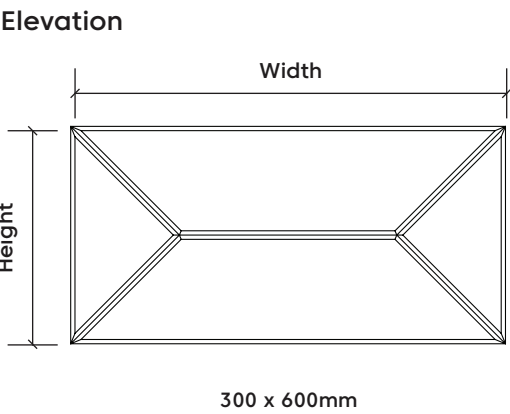
Layout 1



Layout 2

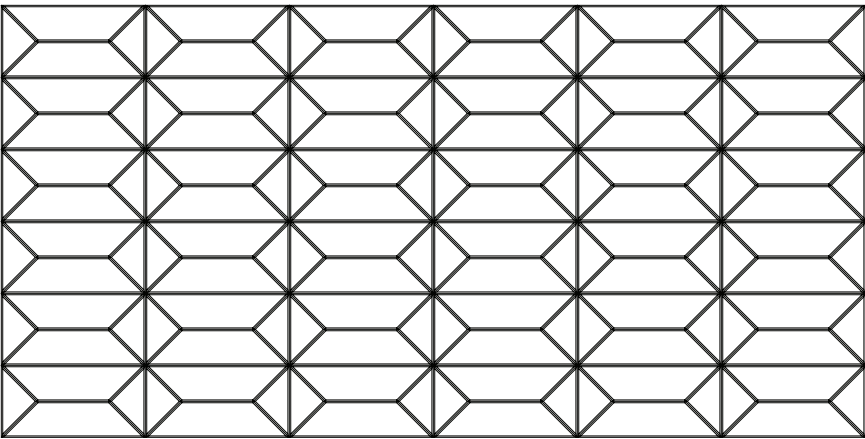


Illusion Design

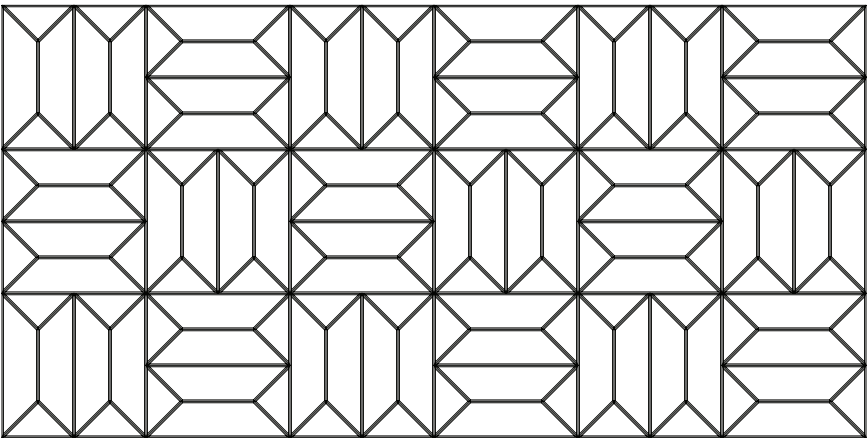


Recommended Layout

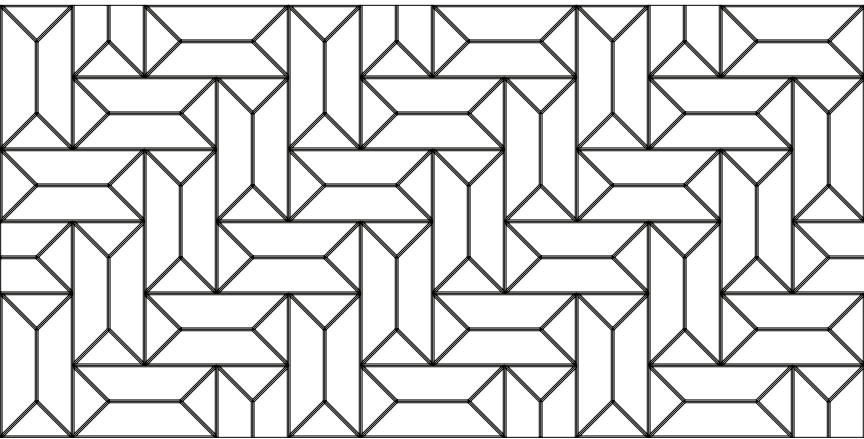
Layout 1



Layout 2

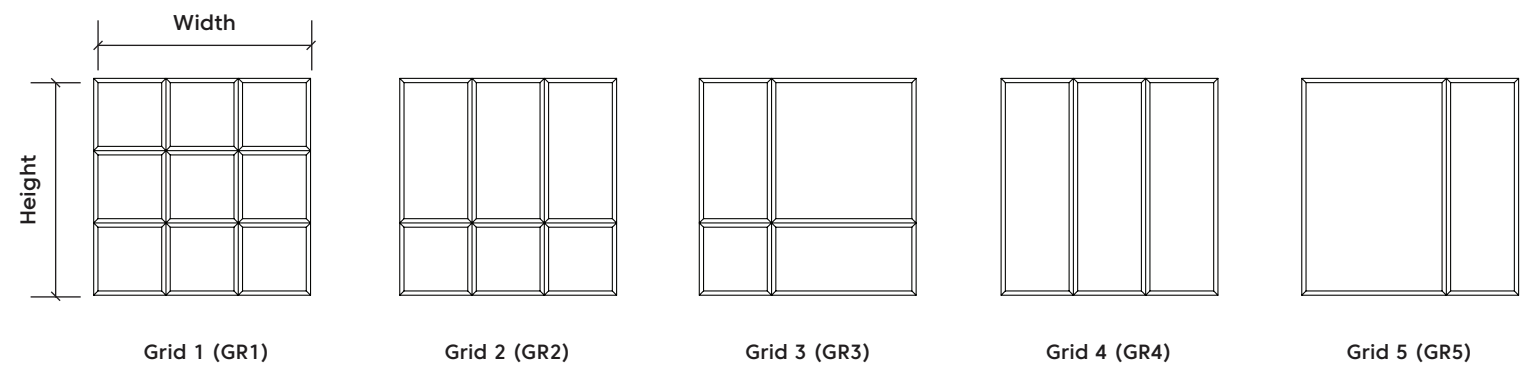


Layout 3



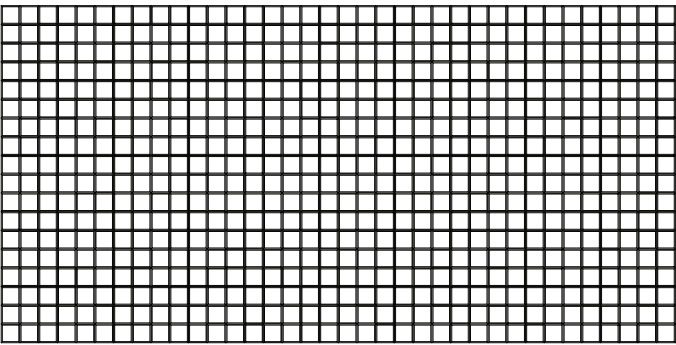
Grid Design

Elevation – 300 x 300mm

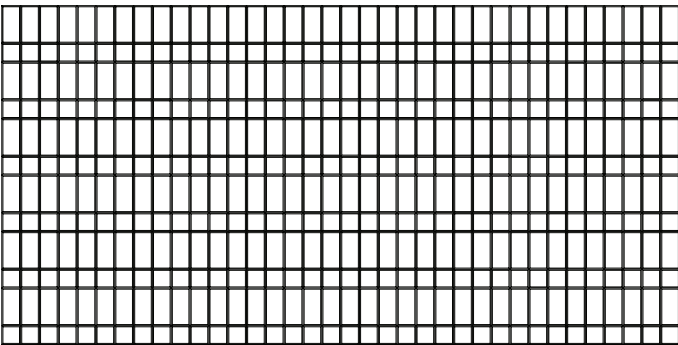


Recommended Layout

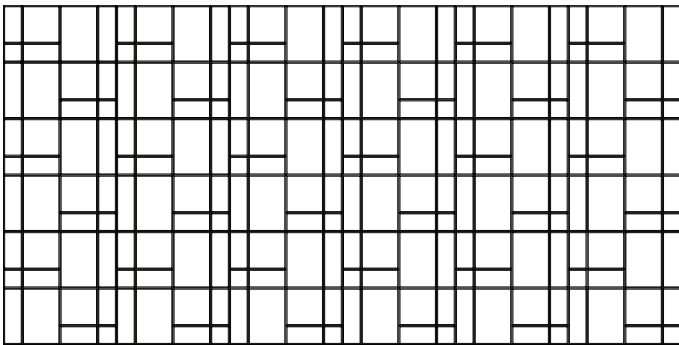
Layout 1 – 100% GR1



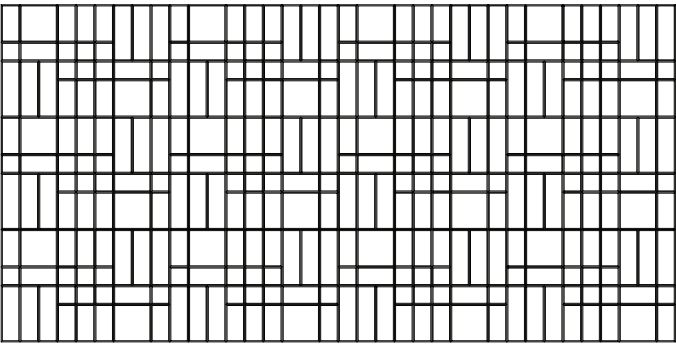
Layout 2 – 100% GR2



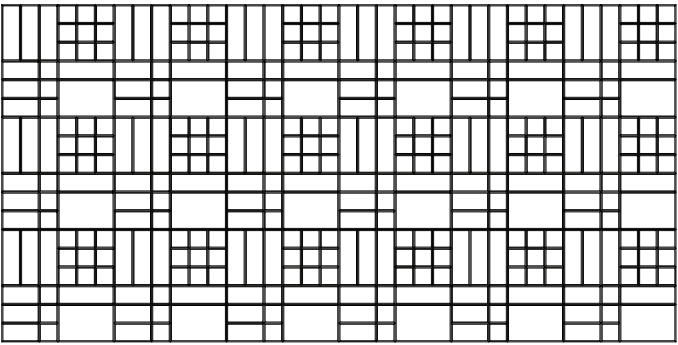
Layout 3 – 50% GR3 & 50% GR5



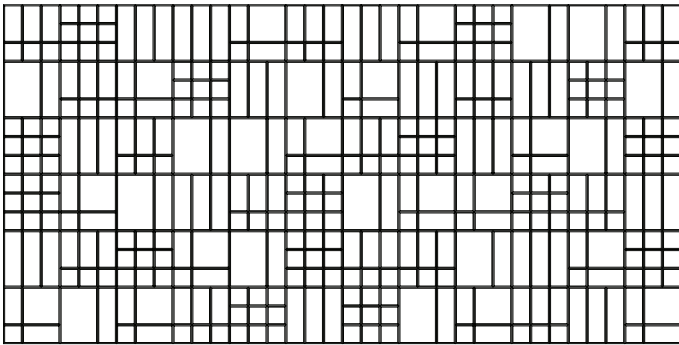
Layout 4 – 33.3% GR2, GR3 & GR4



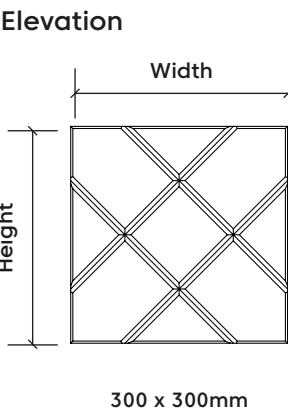
Layout 5 – 25% GR1, GR2, GR4 & GR5



Layout 6 – 20% GR1, GR2, GR3, GR4 & GR5

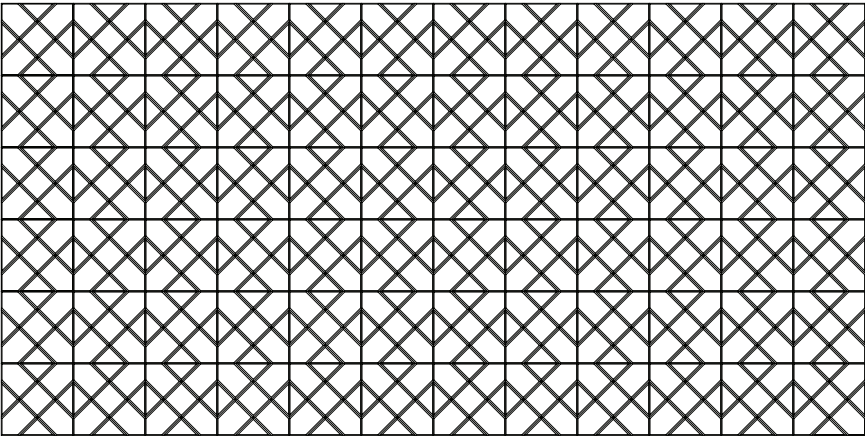


Crosshatch Design

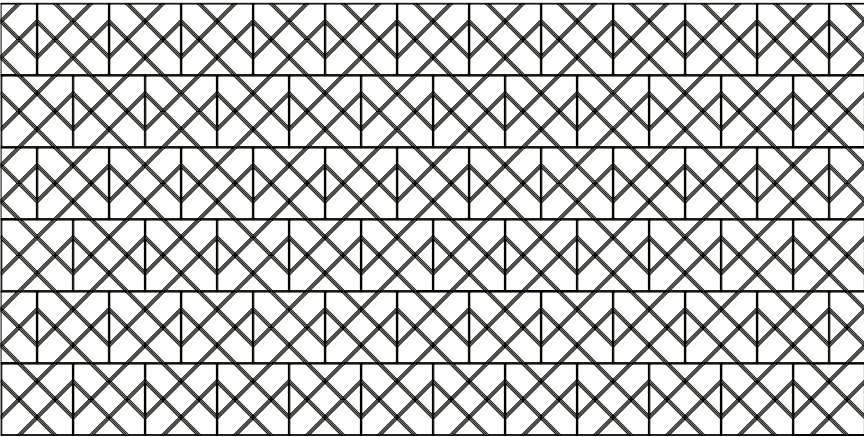


Recommended Layout

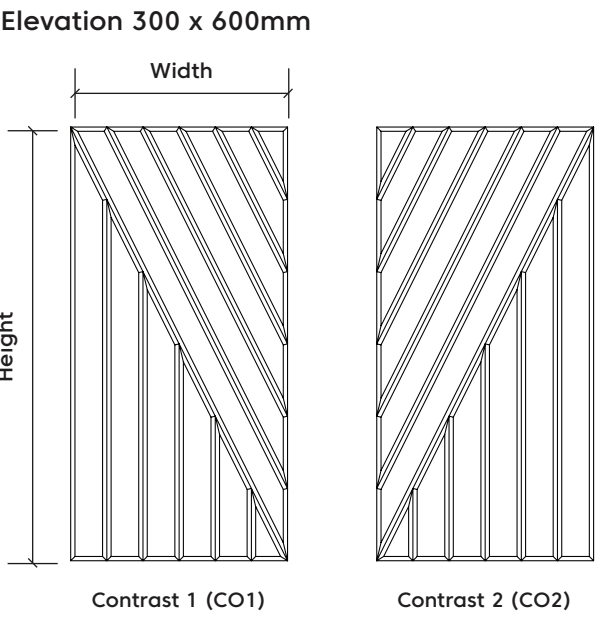
Layout 1



Layout 2

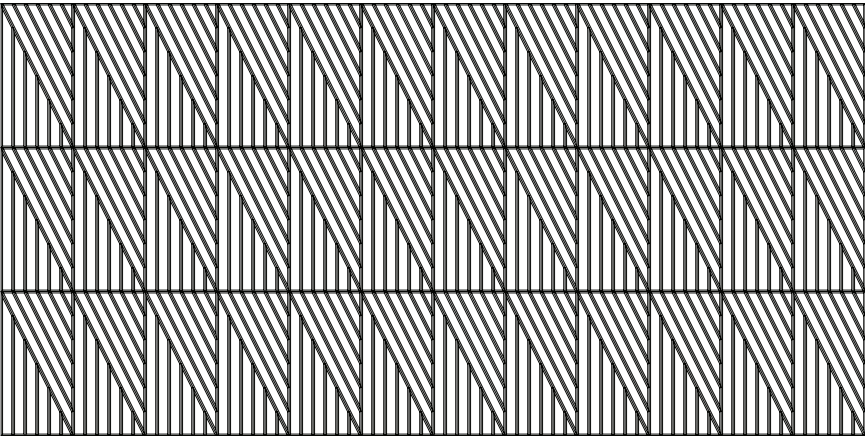


Contrast Design

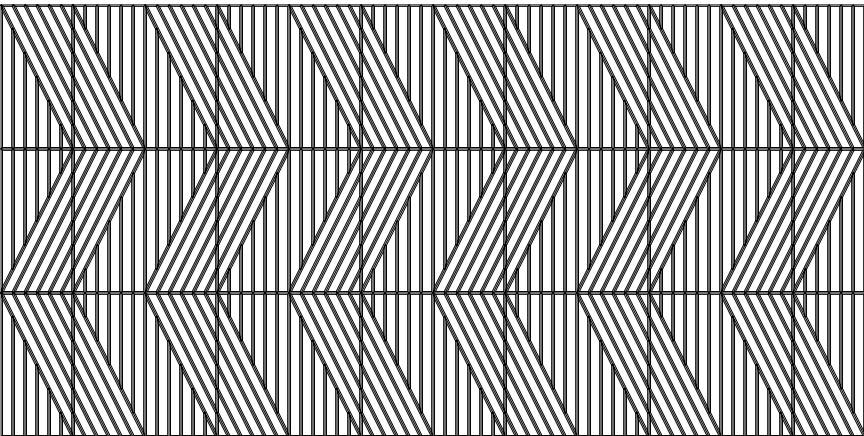


Recommended Layout

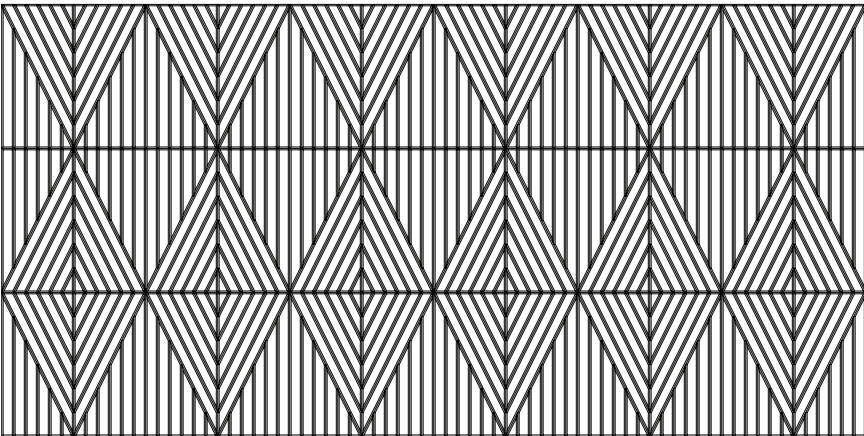
Layout 1 – 100% CO1



Layout 2 – 66% CO1 & 34% CO2

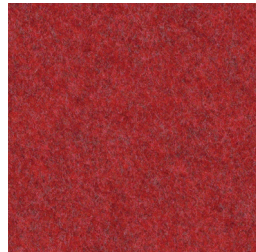
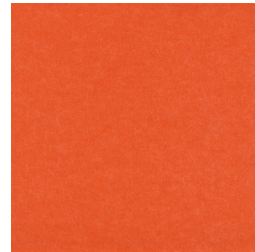
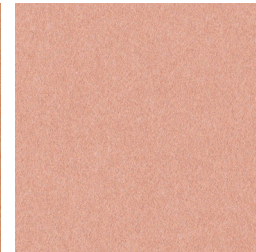
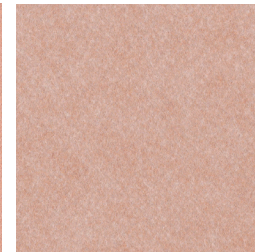
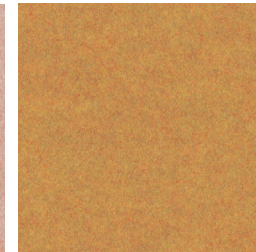
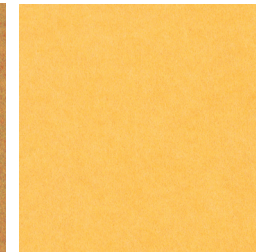
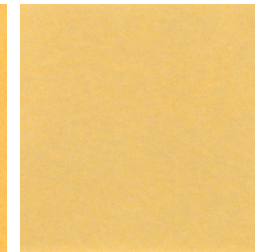
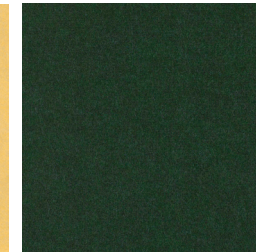
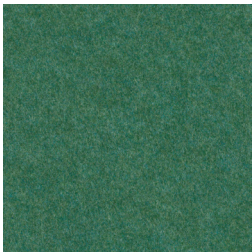
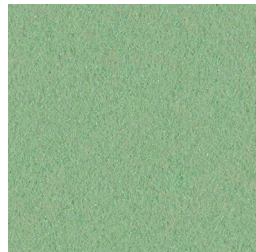
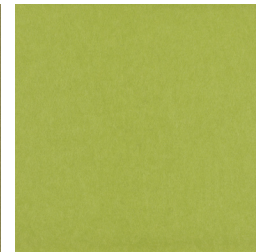
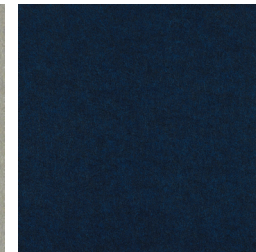
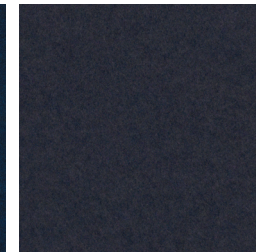
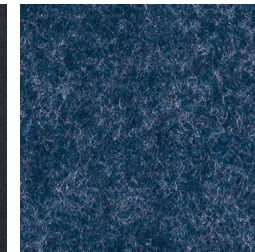
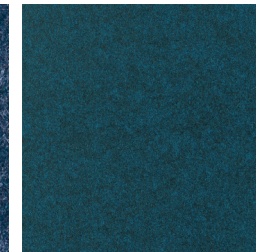
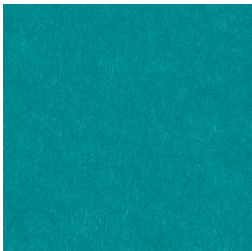
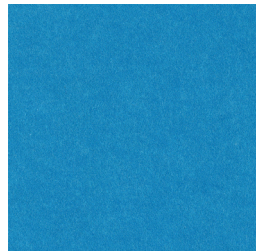
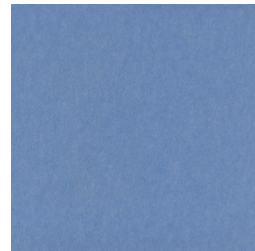
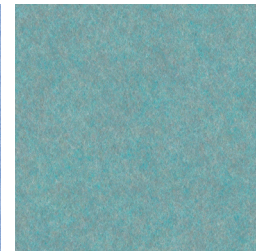
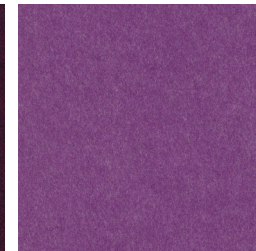
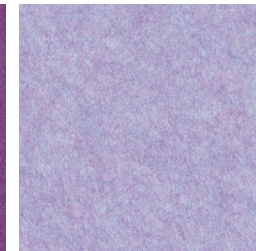
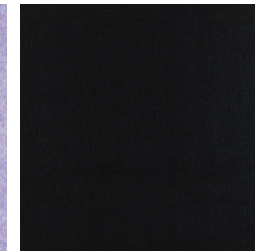
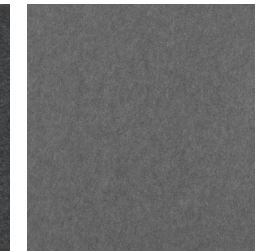
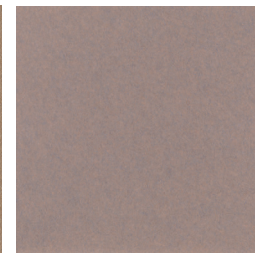
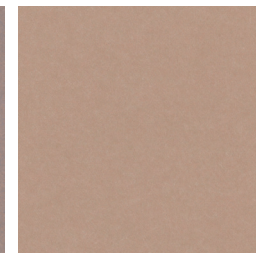
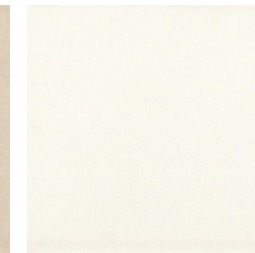


Layout 3 – 50% CO1 & 50% CO2



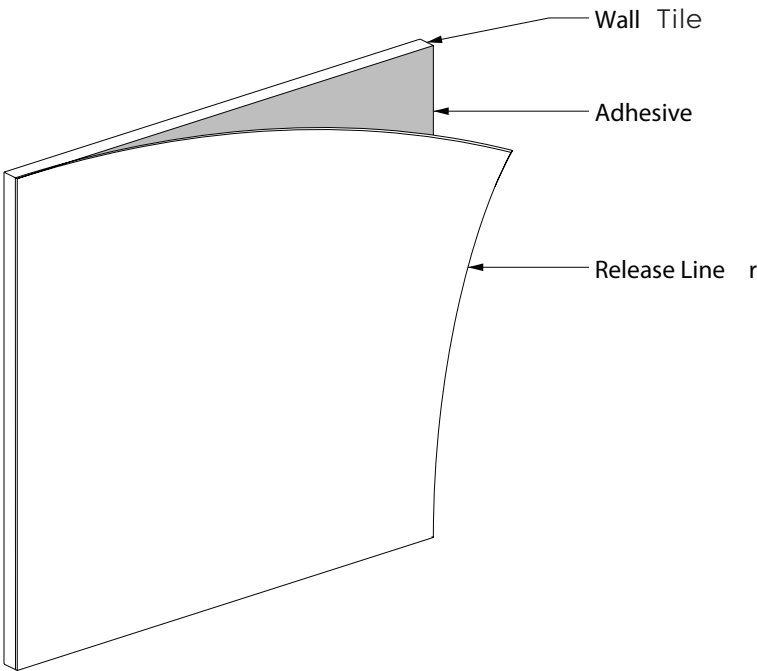
Colorways

Light Reflectance Values (LRV), are **a measure of the percentage of visible and usable light that is reflected from a surface** when illuminated by a light source.

										
Peppercorn LRV – 8.50%	Currant LRV – 7.04%	Carrot LRV – 20.00%	Peach LRV – 29.00%	Flamingo LRV – 37.54%	Valentine LRV – 47.13%	Turmeric LRV – 29.59%	Popcorn LRV – 65.00%	Wheat LRV – 61.28%	Kale LRV – 4.50%	Oregano LRV – 8.80%
										
Thistle LRV – 13.00%	Sencha LRV – 34.15%	Celery LRV – 43.64%	Eucalyptus LRV – 17.98%	Wasabi LRV – 38.00%	Pistachio LRV – 30.00%	Midnight LRV – 3.50%	Flint LRV – 5.14%	Granite LRV – 6.40%	Denim LRV – 6.00%	Iris LRV – 10.50%
										
Peacock LRV – 19.00%	Azur LRV – 18.00%	Marine LRV – 25.00%	Periwinkle LRV – 36.00%	Sea Salt LRV – 28.56%	Shiraz LRV – 3.99%	Berry LRV – 12.00%	Lilac LRV – 39.00%	Piano Black LRV – 3.00%	Charcoal LRV – 5.46%	Slate LRV – 12.50%
										
Grey 27.00%	Metal LRV – 35.00%	Platinum LRV – 42.00%	Walnut LRV – 12.14%	Umber LRV – 20.35%	Amethyst LRV – 29.49%	Quartz LRV – 36.85%	Almond LRV – 53.64%	Ivory LVR – 40.00%	Pearl LRV – 54.00%	White LRV – 83.22%

Mounting Methods

Peel and Stick Backing



Construction Adhesive

