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Pixel Wall Panels

Product Detail

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2800 & 4800gsm
Thickness	14mm +/- 10% (2mm backer panel + 12mm finish panel) 24mm +/- 10% (12mm backer panel + 12mm finish panel)
Dimensions	1200 x 2780mm Custom size available upon request

Sustainability

Made from 60% min. recycled content

Total VOC's less than 0.5 mg/m³

Generated using 40% solar energy

Recyclable at end of lifespan

Technical Data

14mm & 24mm	
Fire test	Pending
14mm & 24mm	
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/m³
Colourfastness test method	ISO 105-B02
Rating	6-7
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)

Guarantees

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colourfastness warranty	20 years*

*conditions apply

Acoustic Performance

Test method

14mm AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room

24mm ASTM C423-17: Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

Installation method

Mounting method A

Rating method

AS ISO 11654 -2002: Acoustics - rating of sound absorption - material and sytems

Test results

14mm

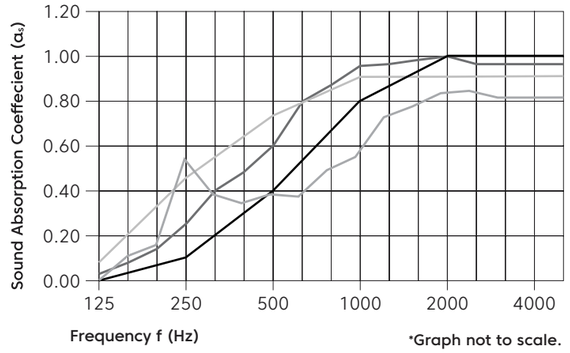
no air gap - 0.55 NRC | 0.40 (M/H) αw, Class D

20mm air gap - 0.70 NRC | 0.55 (MH) αw, Class D

50mm air gap - 0.75 NRC | 0.75 (MH) αw, Class C

24mm

0.60 NRC no air gap | 0.50 (LH) αw, Class D

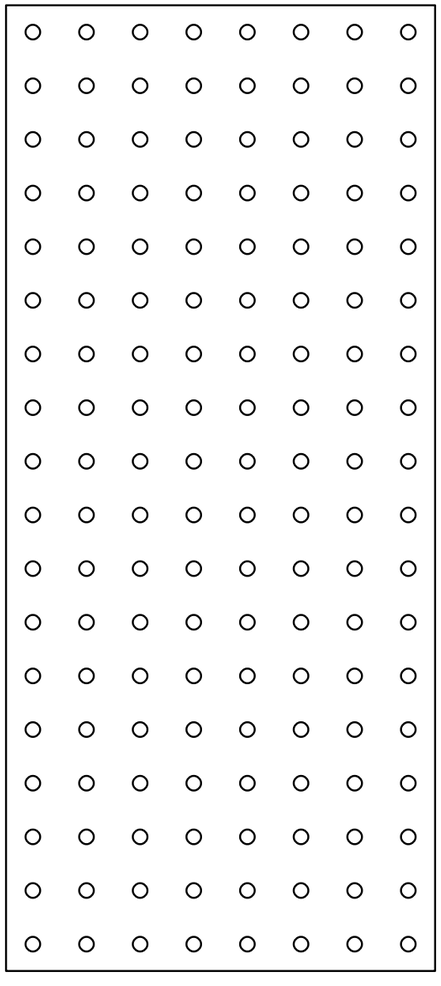


*Graph not to scale.

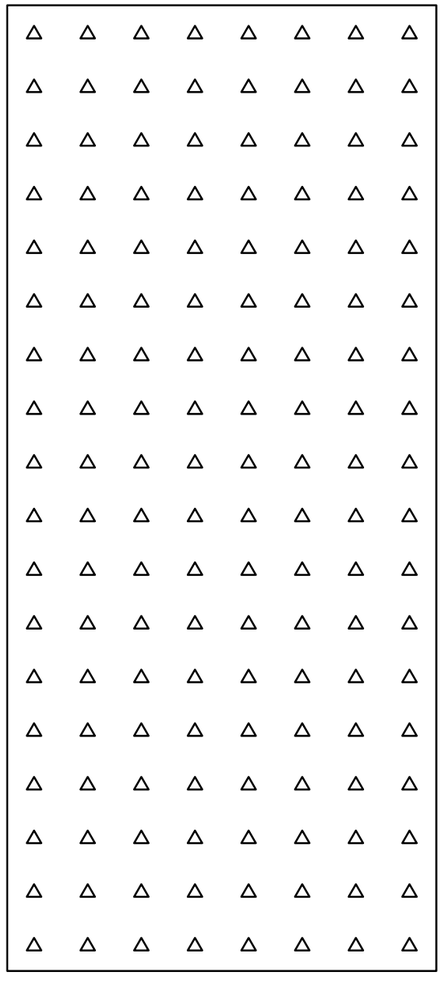
	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
	14mm - α_s no air gap	0.00	0.10	0.40	0.80	1.00	1.00	**0.55**
	14mm - α_s 20mm air gap	0.05	0.25	0.60	0.95	1.00	0.95	**0.70**
	14mm - α_s 50mm air gap	0.10	0.45	0.75	0.90	0.90	0.90	**0.75**
	24mm	0.02	0.57	0.41	0.58	0.87	0.85	**0.60**

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.

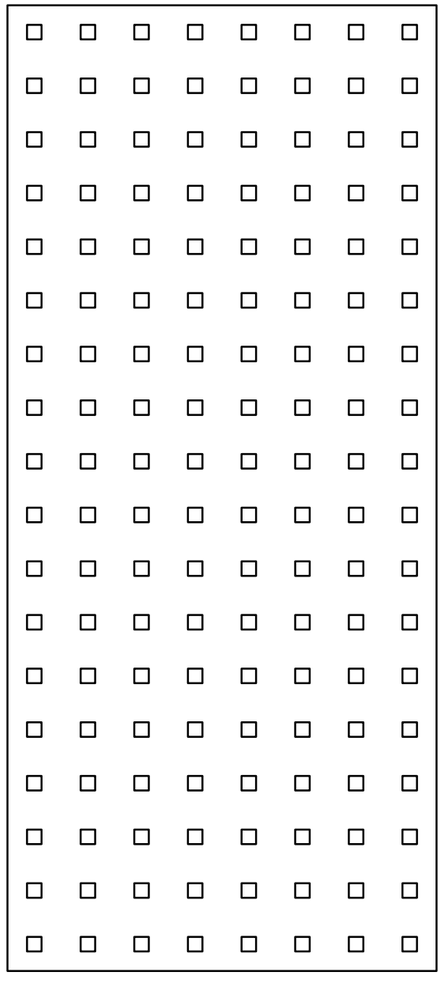
Designs



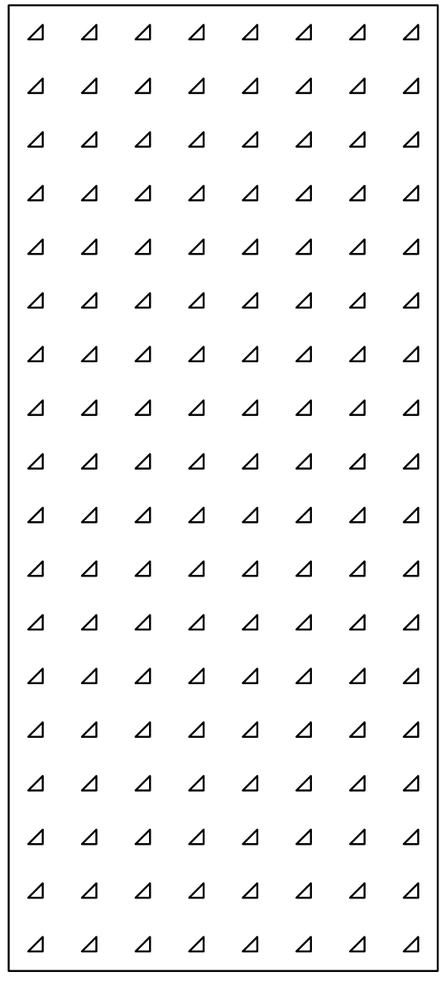
Circle



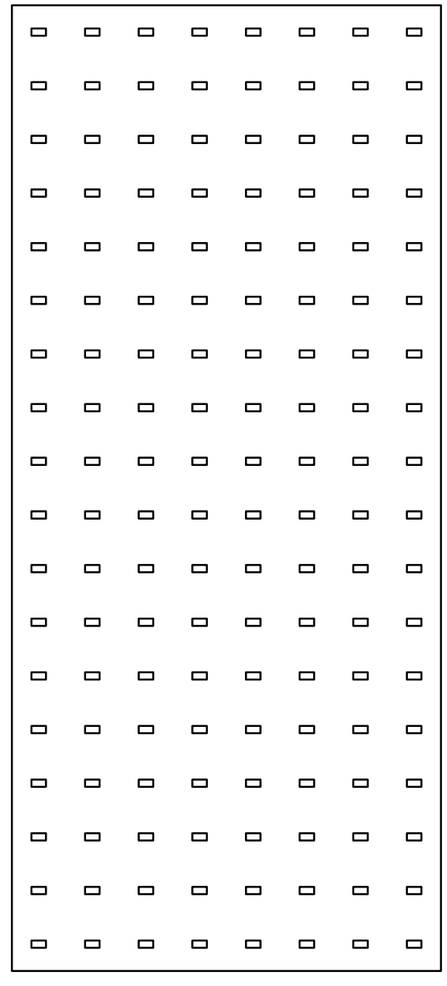
Triangle



Square



Right Triangle



Rectangle

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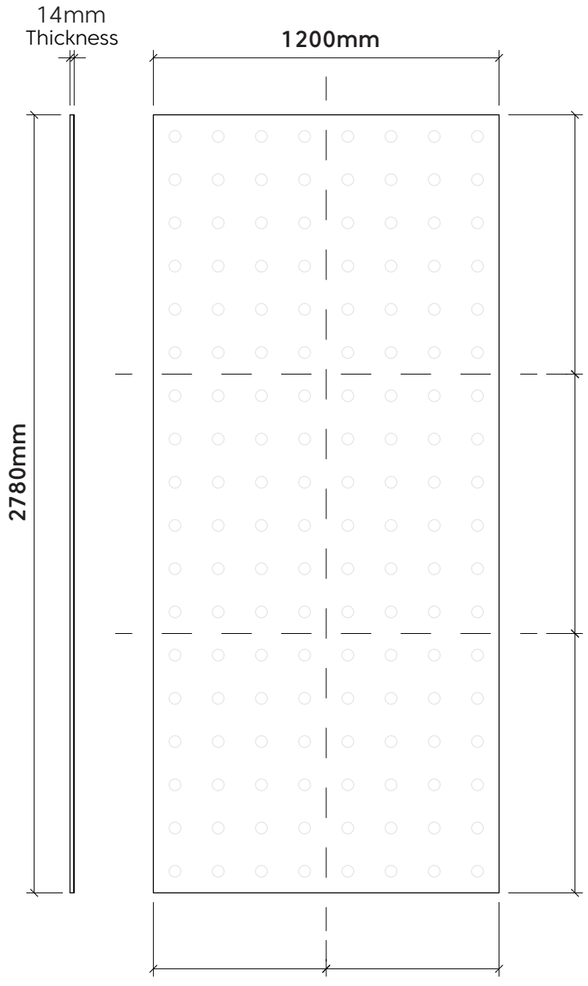
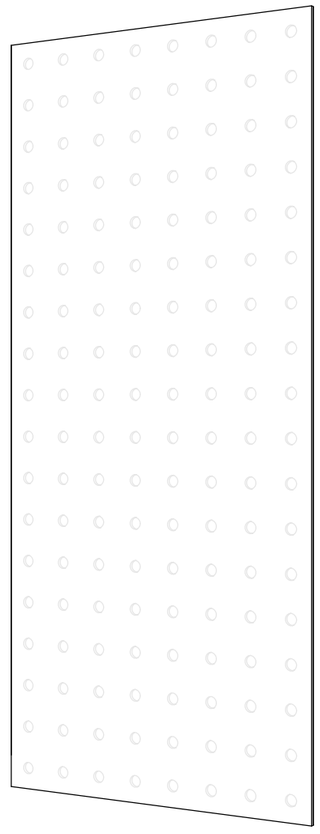
14mm Design Profile

3D View

Elevation



Perspective



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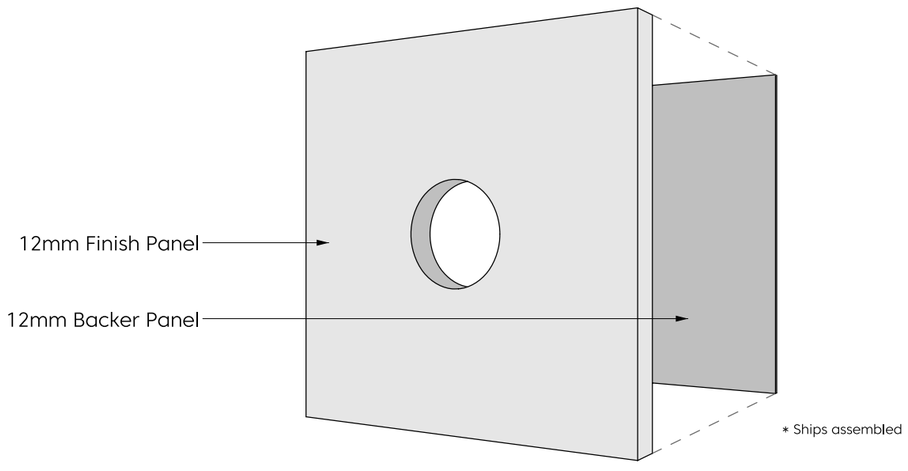
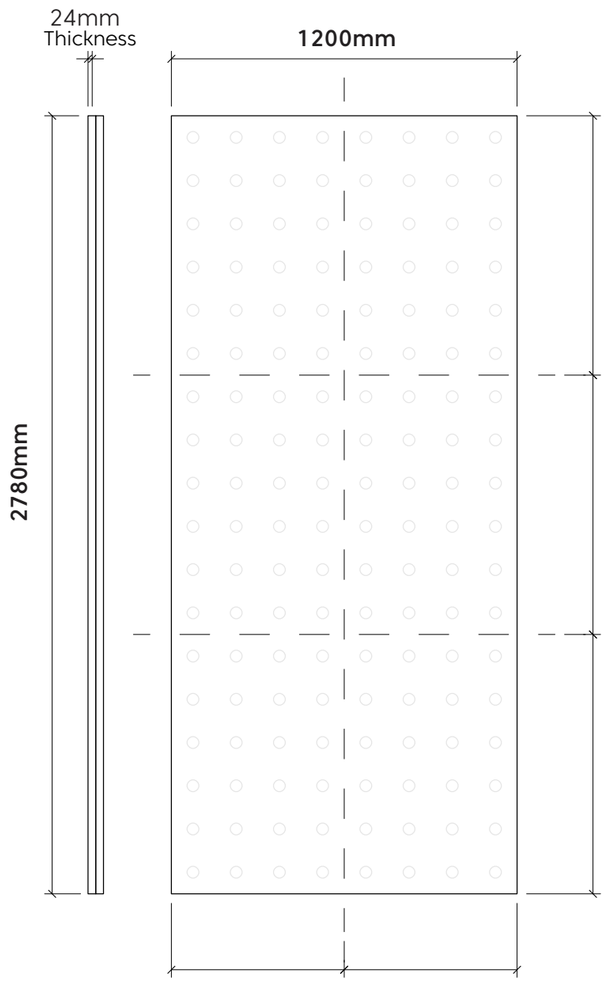
24mm Design Profile

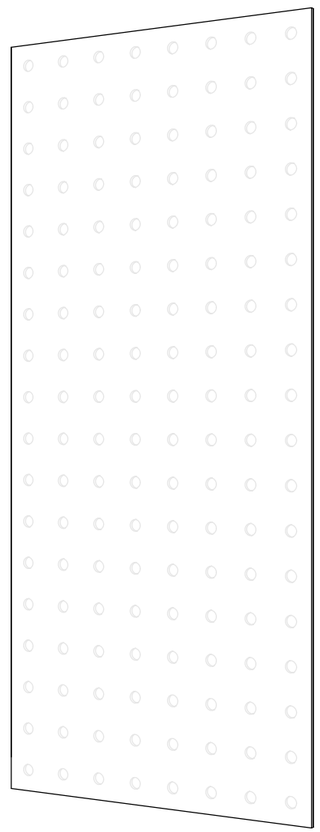
3D View



Elevation



Perspective



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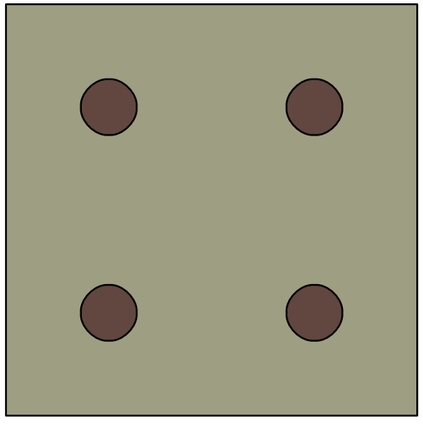
Premier Colourways

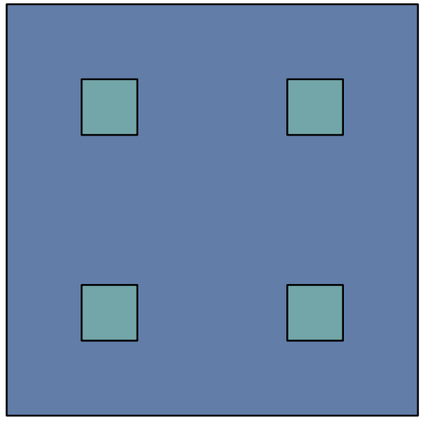
Can’t find a colour?

We are constantly updating our palette, which includes adding and discontinuing certain colour lines. If you can’t find the colour you are looking for, please contact us with your colour request, as we may still have stock available.

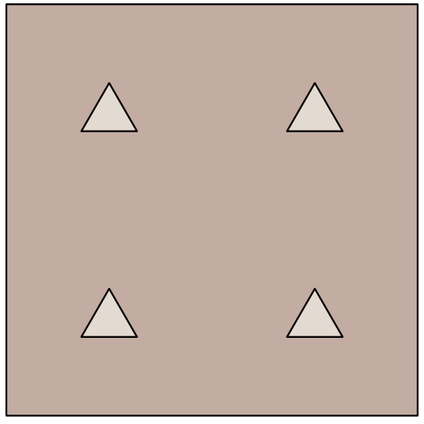
Colour Scheme Examples



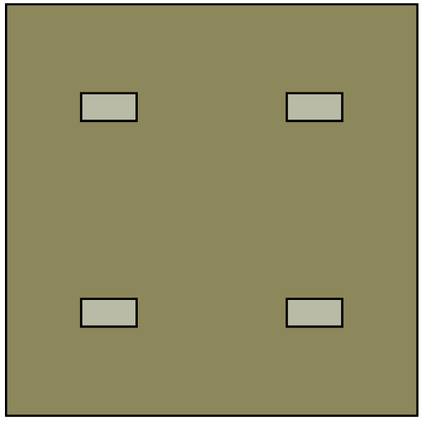
Pistachio (Finish Panel) +
Walnut (Backer Panel)



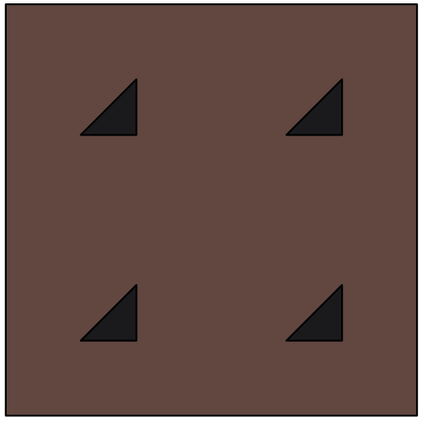
Marine (Finish Panel) +
Sea Salt (Backer Panel)



Valentine (Finish Panel) +
Almond (Backer Panel)



Eucalyptus (Finish Panel) +
Celery (Backer Panel)



Walnut (Finish Panel) +
Piano Black (Backer Panel)