

acoufelt
making quiet



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

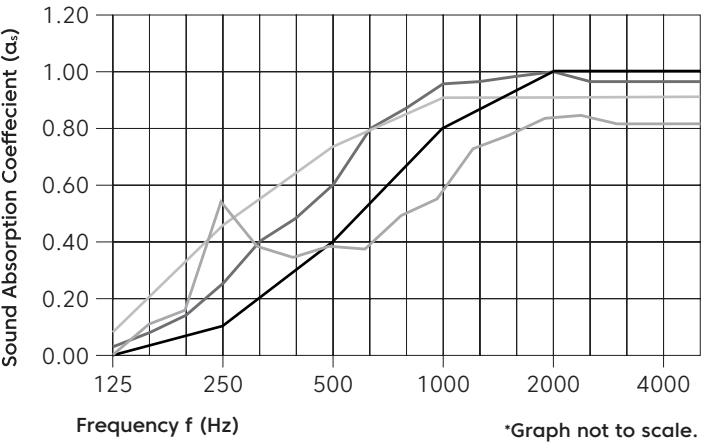
Acoustic Performance

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

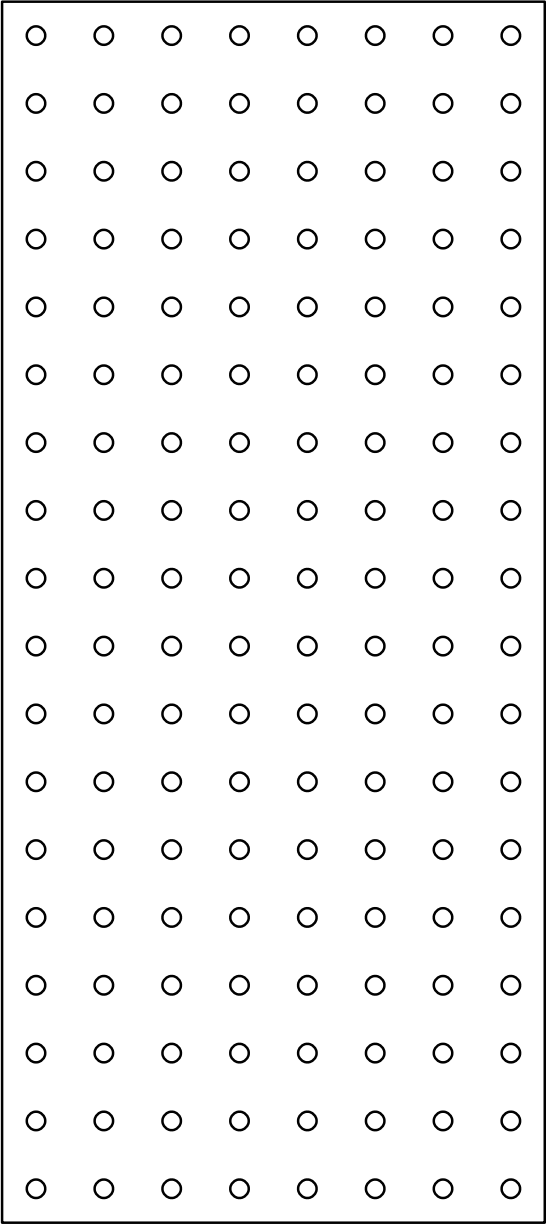
Test results
14mm
no air gap - 0.55 NRC | 0.40 (M/H) aw, Class D
20mm air gap - 0.70 NRC | 0.55 (MH) aw, Class D
50mm air gap - 0.75 NRC | 0.75 (MH) aw, Class C
24mm
0.60 NRC no air gap | 0.50 (LH) aw, Class D



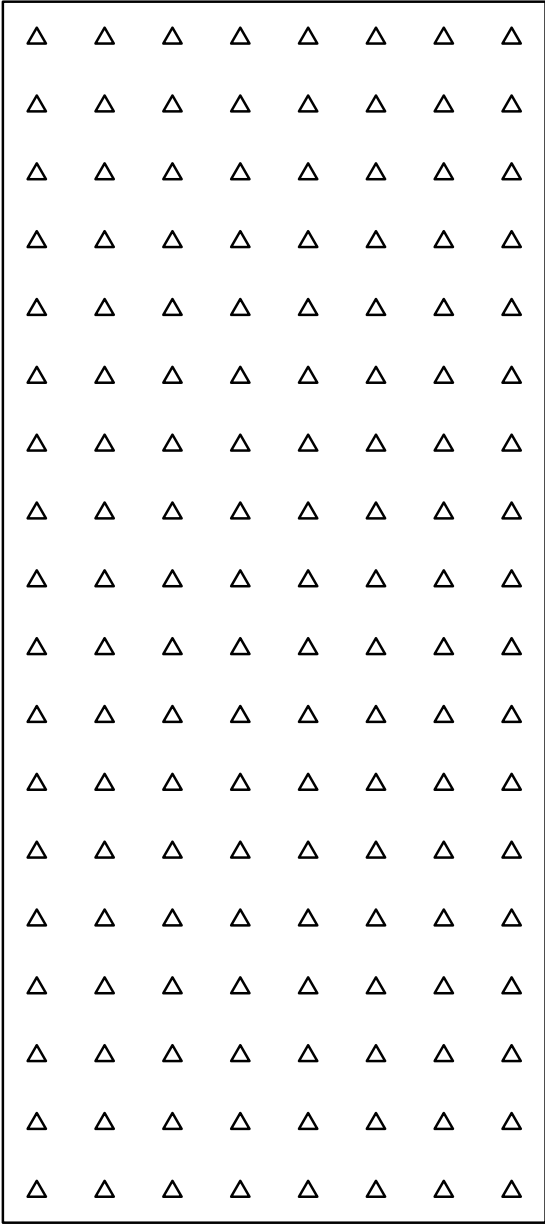
	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
14mm - αs no air gap		0.00	0.10	0.40	0.80	1.00	1.00	0.55
14mm - αs 20mm air gap		0.05	0.25	0.60	0.95	1.00	0.95	0.70
14mm - αs 50mm air gap		0.10	0.45	0.75	0.90	0.90	0.90	0.75
24mm		0.02	0.57	0.41	0.58	0.87	0.85	0.60

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.

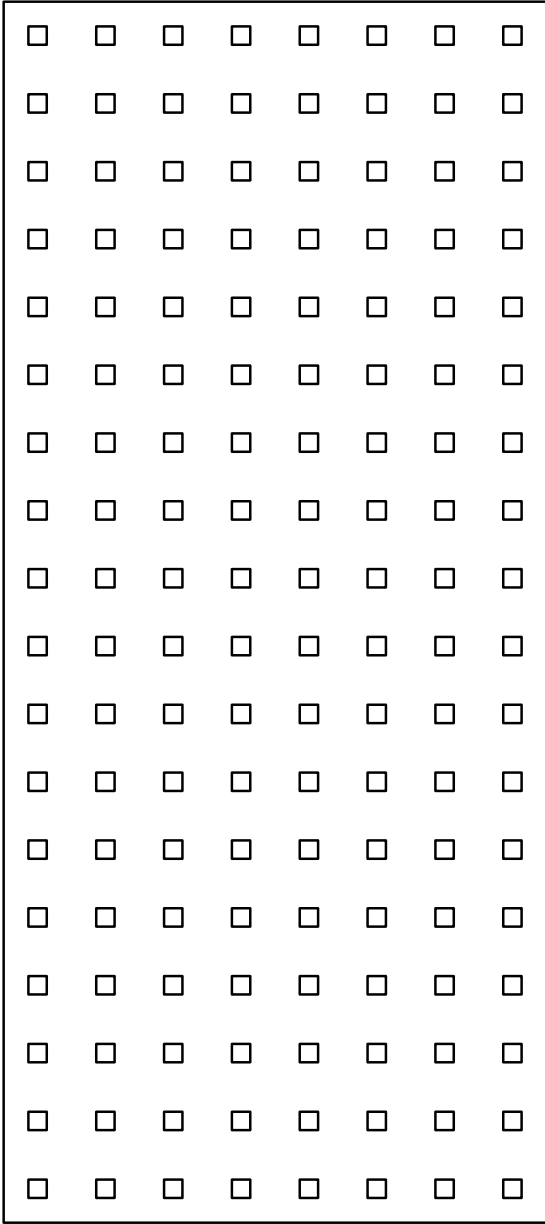
Designs



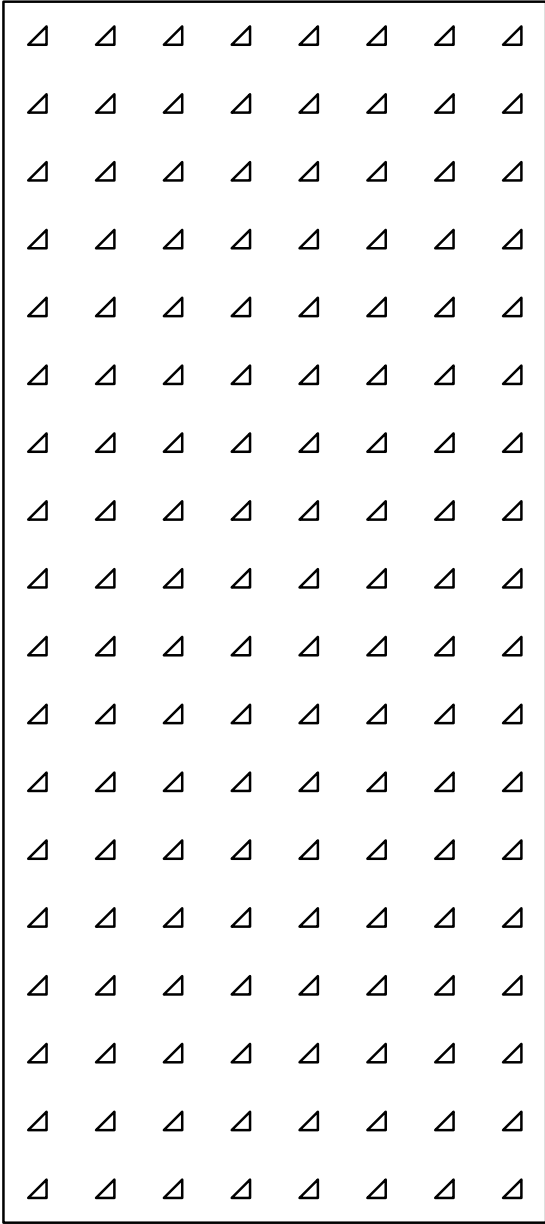
Circle



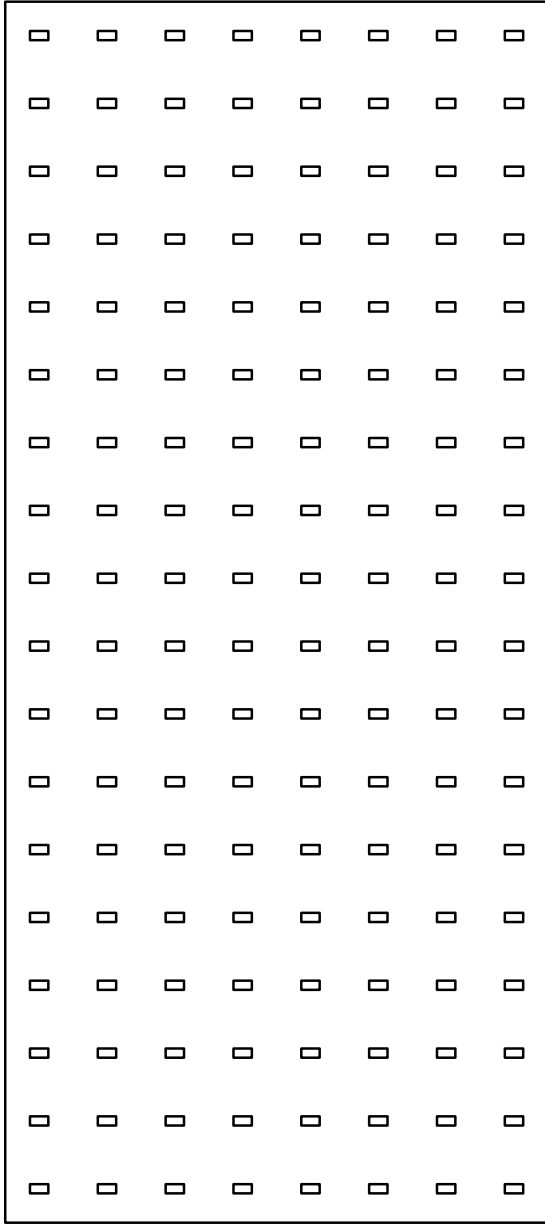
Triangle



Square



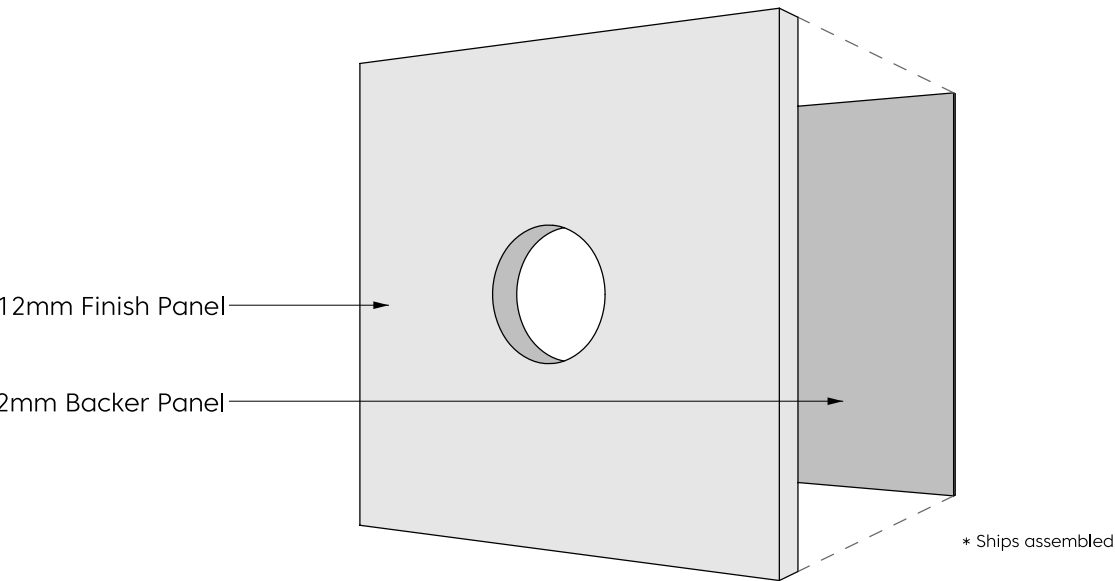
Right Triangle



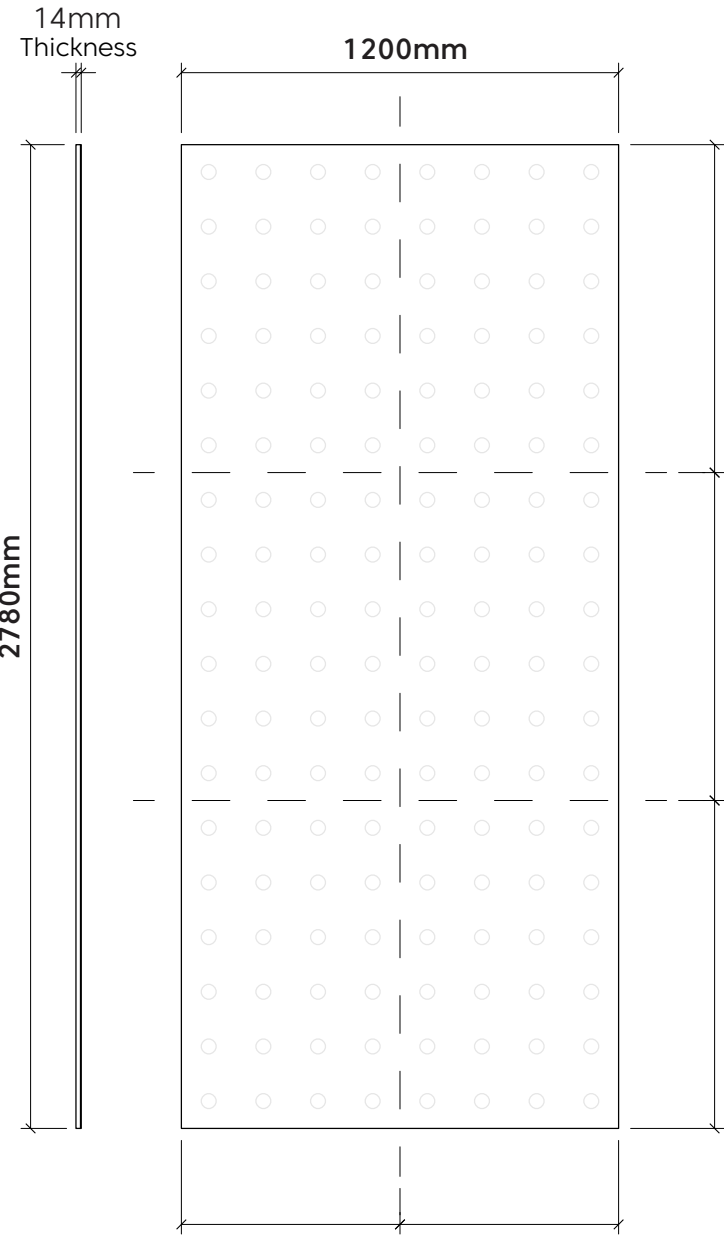
Rectangle

14mm Design Profile

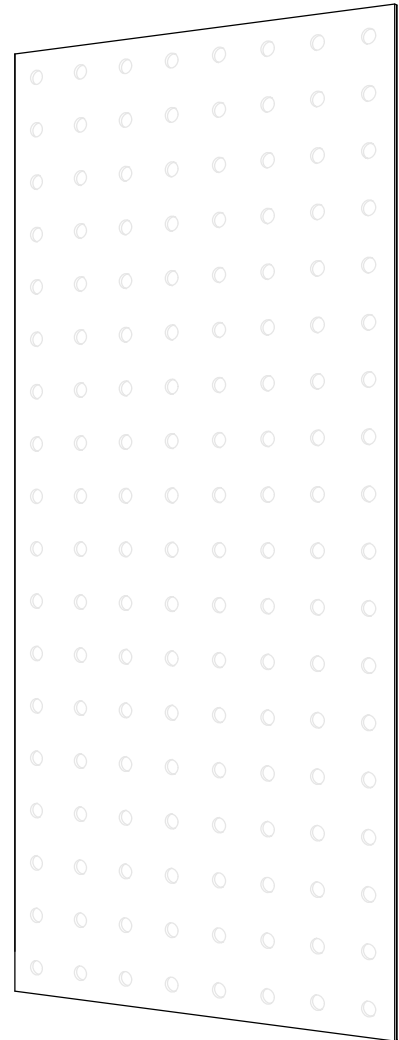
3D View



Elevation

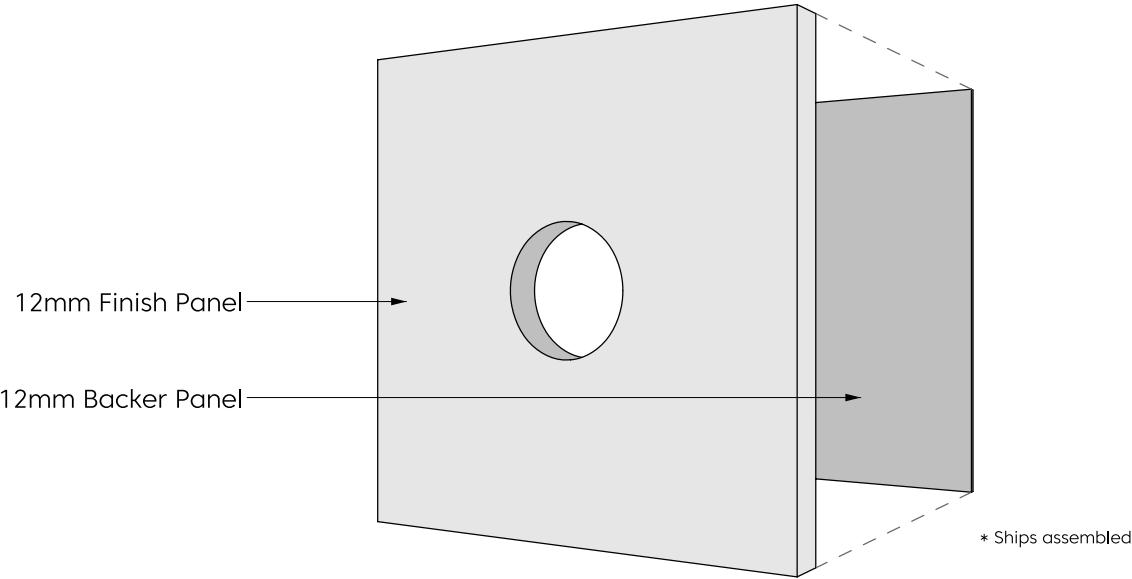


Perspective

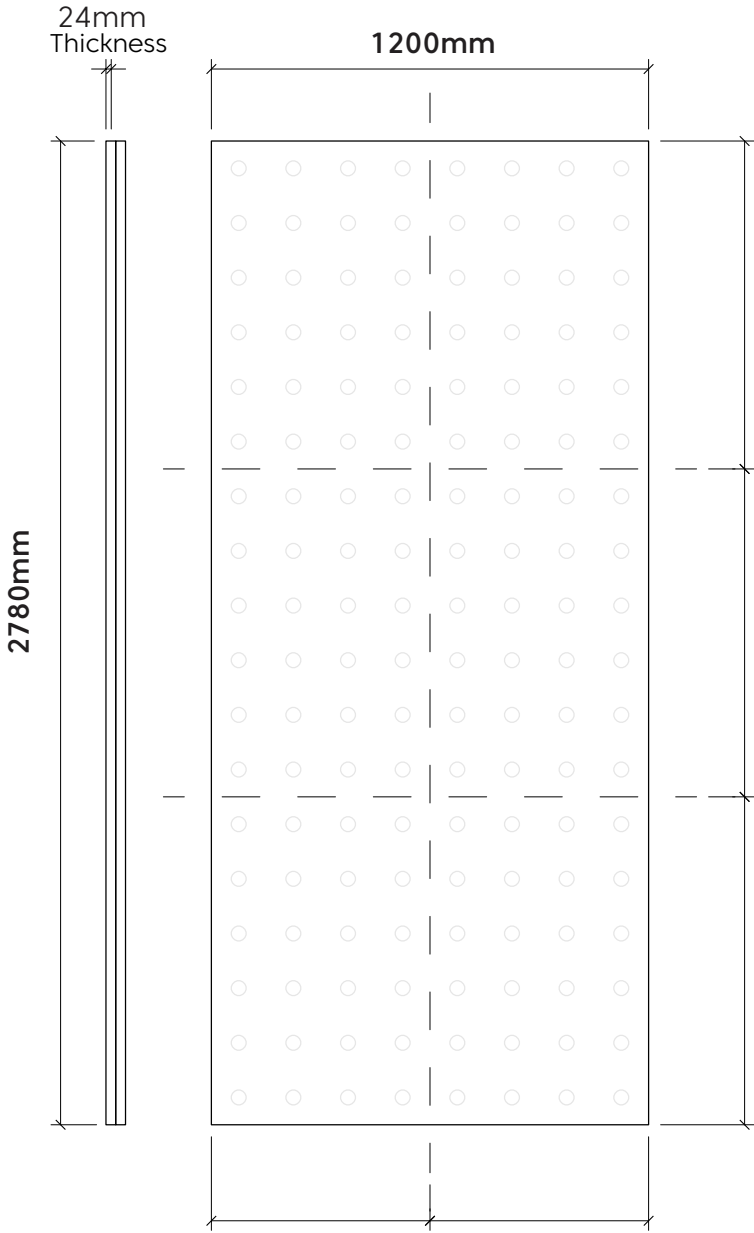


24mm Design Profile

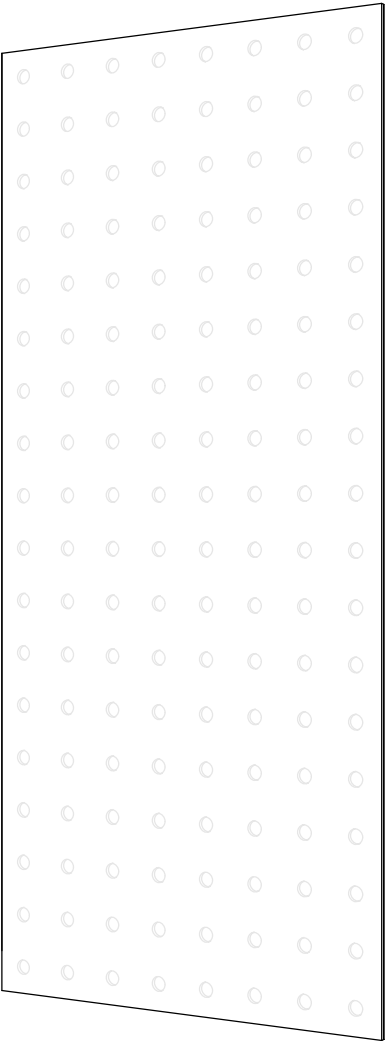
3D View



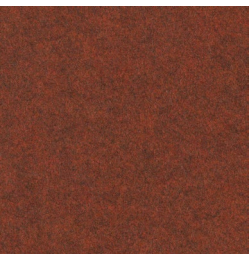
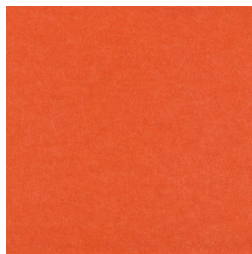
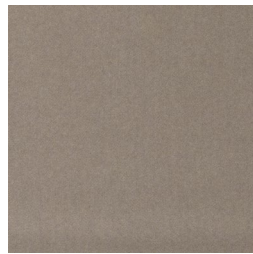
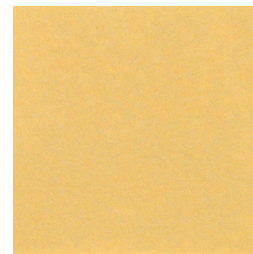
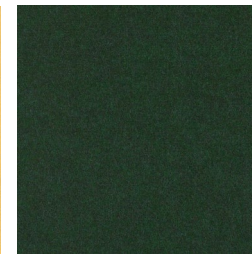
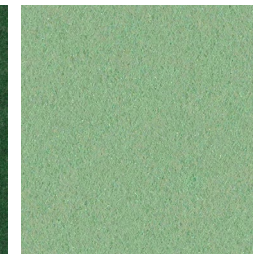
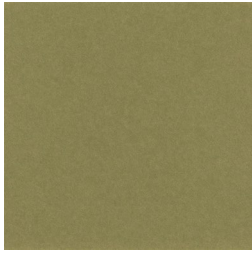
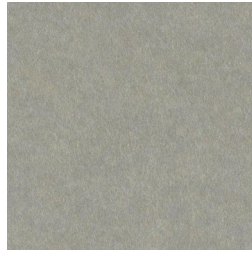
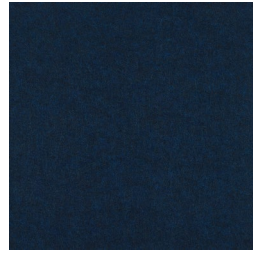
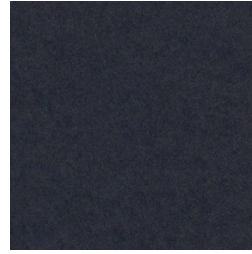
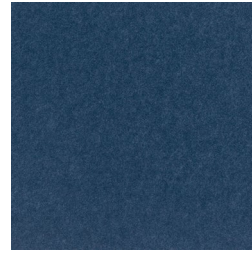
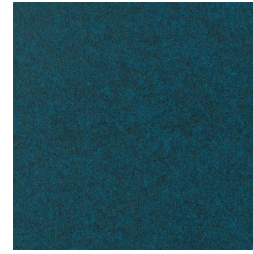
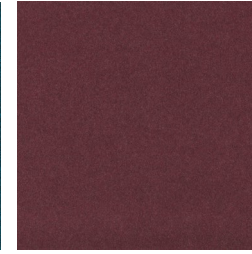
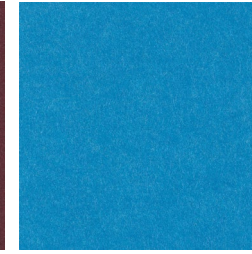
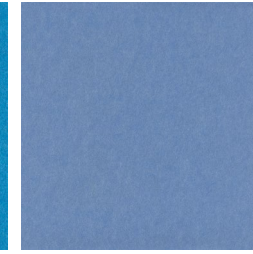
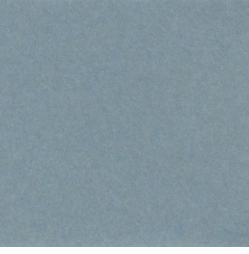
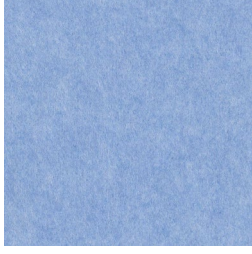
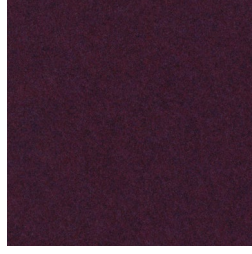
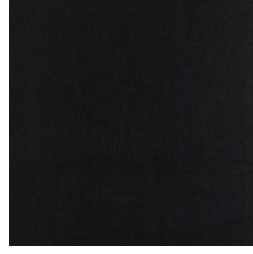
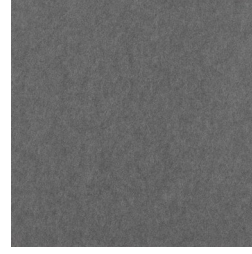
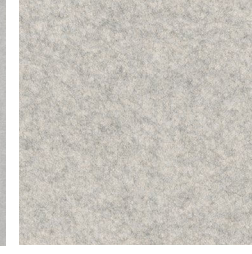
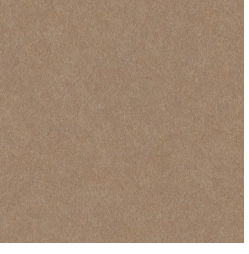
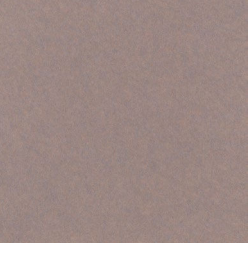
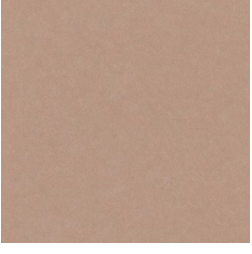
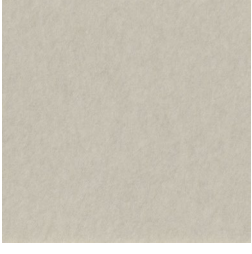
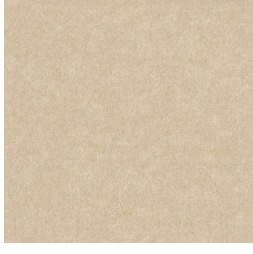
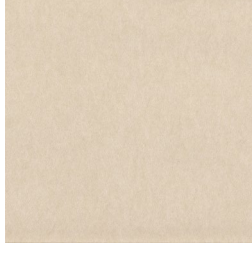
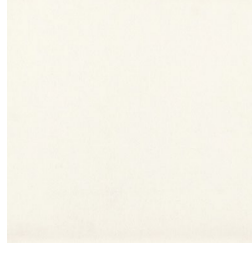
Elevation



Perspective

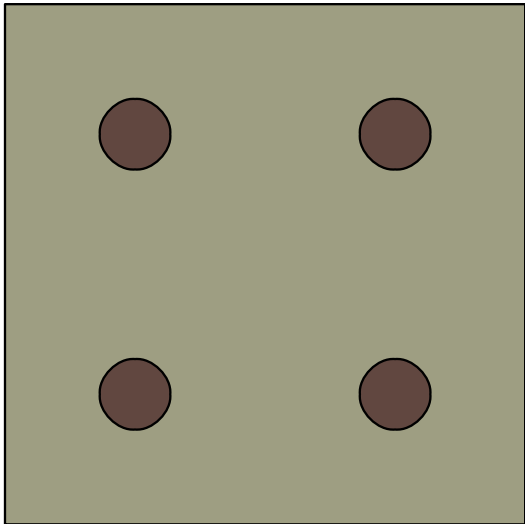


Premier Colourways

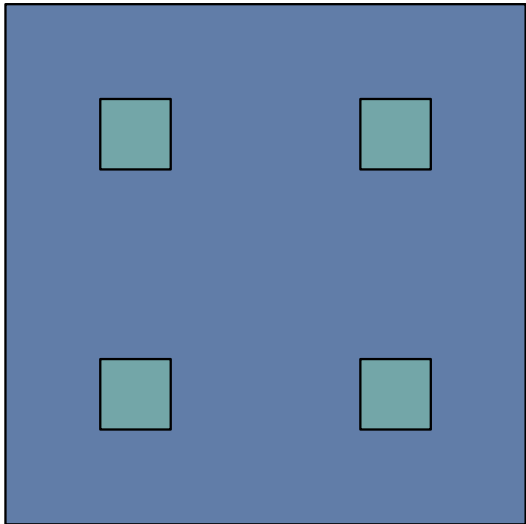
										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Mushroom MU75	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Nori NO76	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Loganberry LO77	Azur AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Platinum PL04	Milkyway MI74	Walnut WA56
										
Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12				

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.

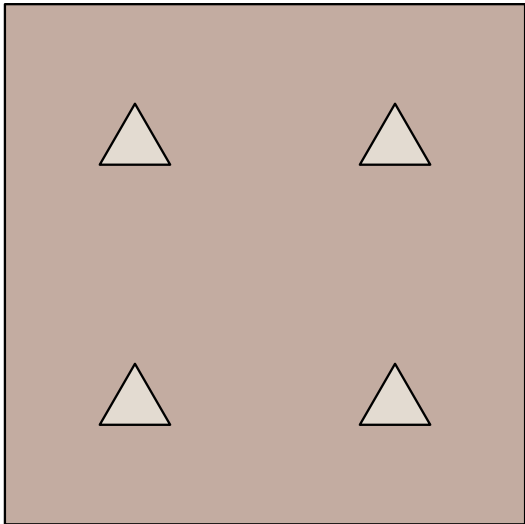
Colour Scheme Examples



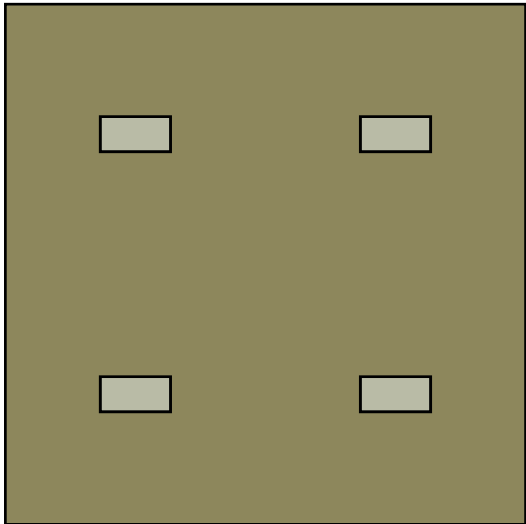
Pistachio (Finish Panel) +
Walnut (Backer Panel)



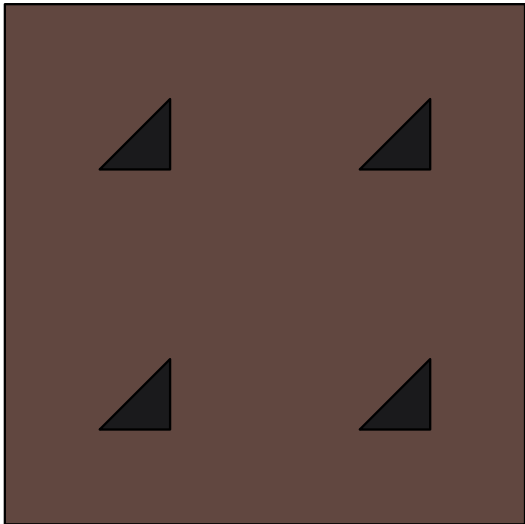
Marine (Finish Panel) +
Sea Salt (Backer Panel)



Valentine (Finish Panel) +
Almond (Backer Panel)



Eucalyptus (Finish Panel) +
Celery (Backer Panel)



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