

The logo for acoufelt, featuring the brand name in a lowercase sans-serif font with a stylized 'a' that has a dot above it. Below the brand name, the tagline 'making quiet' is written in a smaller, lowercase sans-serif font.

acoufelt  
making quiet

# Pixel Panels

# Specifications

Application	Wall
Material	FilaSorb™ polyester felt
Recycled content	60% min. rPET
Thickness	14mm – 12mm backing panel + 2mm finish panel +/- 10% 24mm – 12mm backer panel + 12mm finish panel +/- 10%
Weight	14mm – 2800gsm 24mm – 4800gsm
Dimensions	1200 x 2780mm Custom size available upon request

# Sustainability



Made from 60% min. recycled content



Material ‘Take Back’ program allows our product to be recycled



Acoustic Felt material is made with 30-40% solar energy\*

\*made in Thailand



# Technical Data

14mm	
Fire test method	AS ISO 9705:2033 (according to AS 5637.7:2015 requirements)
Group number	Group 1
SMOGR <sub>RC</sub> (in m2/s2 x 1000)	2.99
24mm	
Fire test	Pending
14 & 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/m <sup>3</sup>
Colorfastness 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)

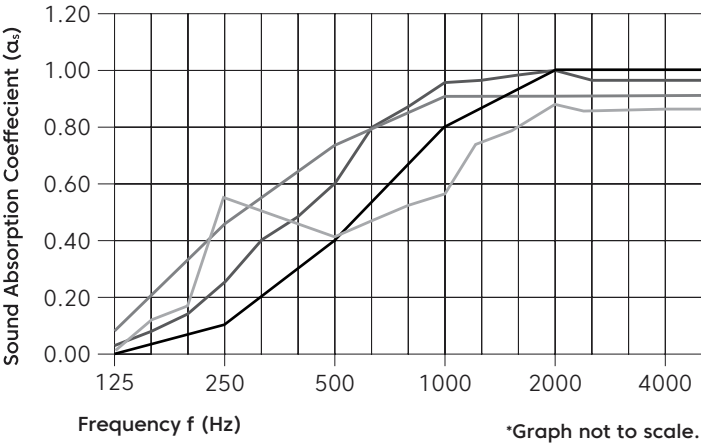
# Details

Lead time	2-3 weeks
Origin	Australia
Warranty against defects	20 years*
Colorfastness warranty	20 years*

\*conditions apply

# Acoustic Performance

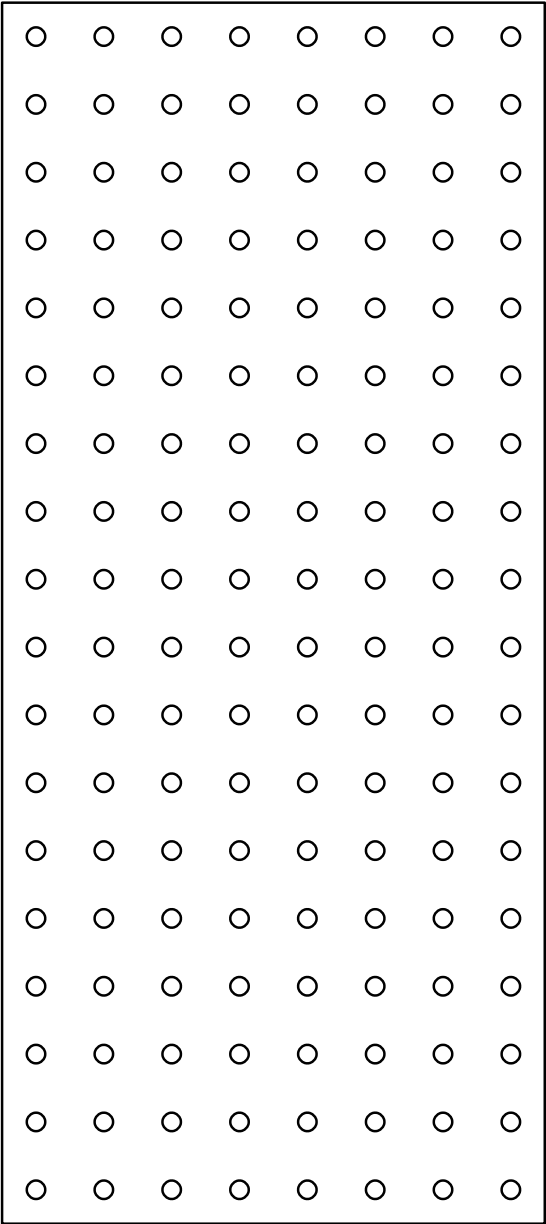
Test method	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room	
Installation method	14mm – A, tested with no air gap, 20mm air gap, 50mm air gap 24mm – A, tested with no air gap	
Rating method	ISO 11654-1997: Acoustic – sound absorbers for use in buildings – rating of sound absorption	
Test results	14mm	24mm
	NRC 0.55 no air gap	NRC 0.60 no air gap
	NRC 0.70 20mm air gap	SAA 0.55 no air gap
	NRC 0.75 50mm air gap	
SAA 0.56 no air gap SAA 0.70 20mm air gap SAA 0.76 50mm air gap		



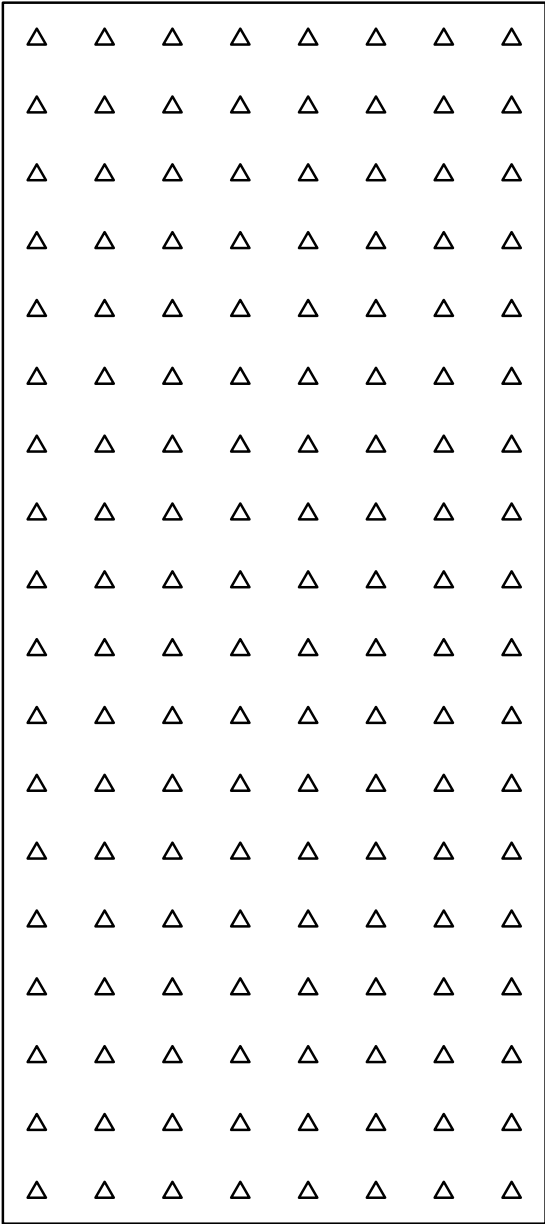
	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
14mm α <sub>s</sub> no air gap		0.00	0.10	0.40	0.80	1.00	1.00	0.55
14mm α <sub>s</sub> 20mm air gap		0.05	0.25	0.60	0.95	1.00	0.95	0.70
14mm α <sub>s</sub> 50mm air gap		0.10	0.45	0.75	0.90	0.90	0.90	0.75
24mm		0.02	0.57	0.41	0.58	0.87	0.85	0.60

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. **Sound Absorption Average (SAA)** indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz

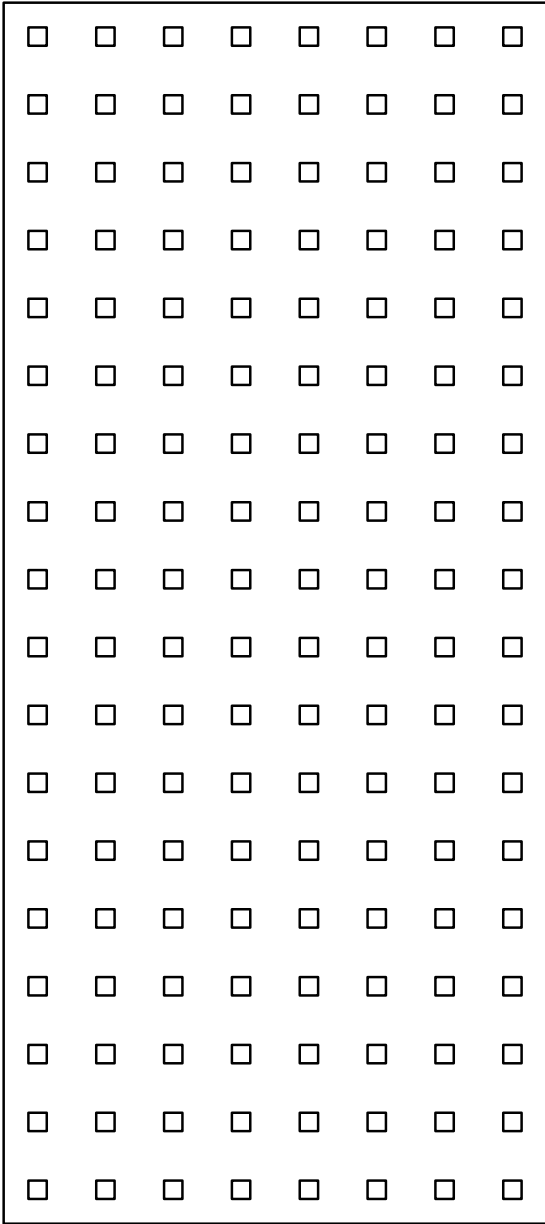
# Designs



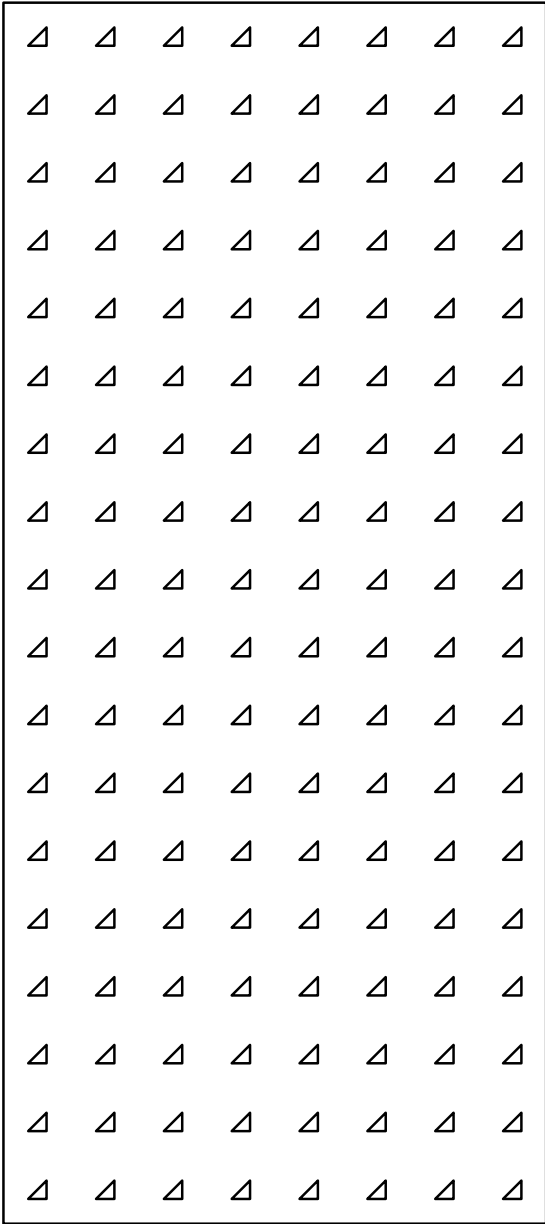
Circle



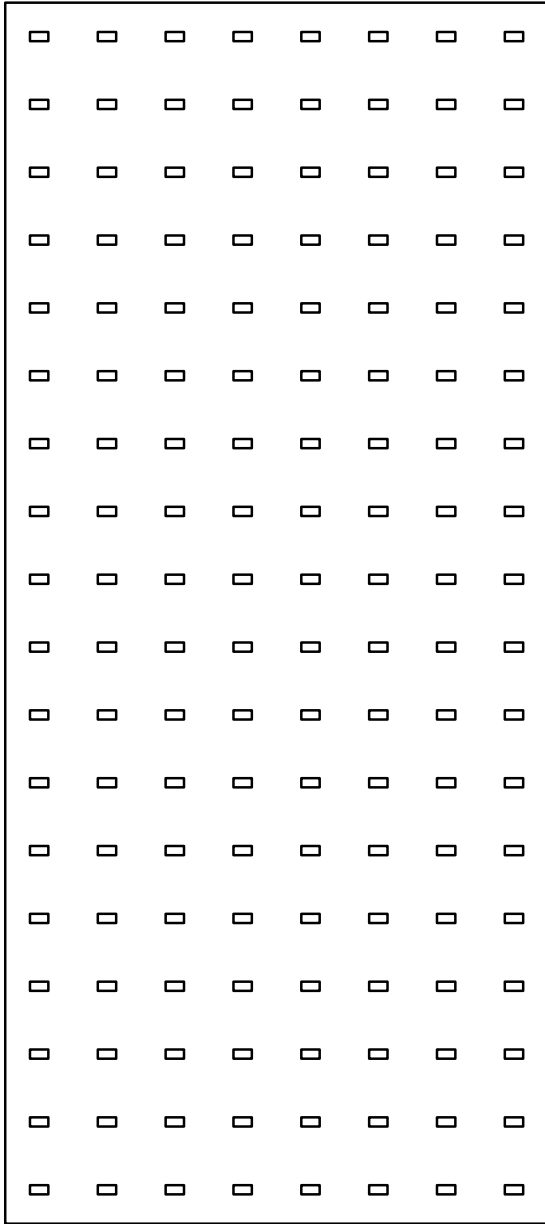
Triangle



Square



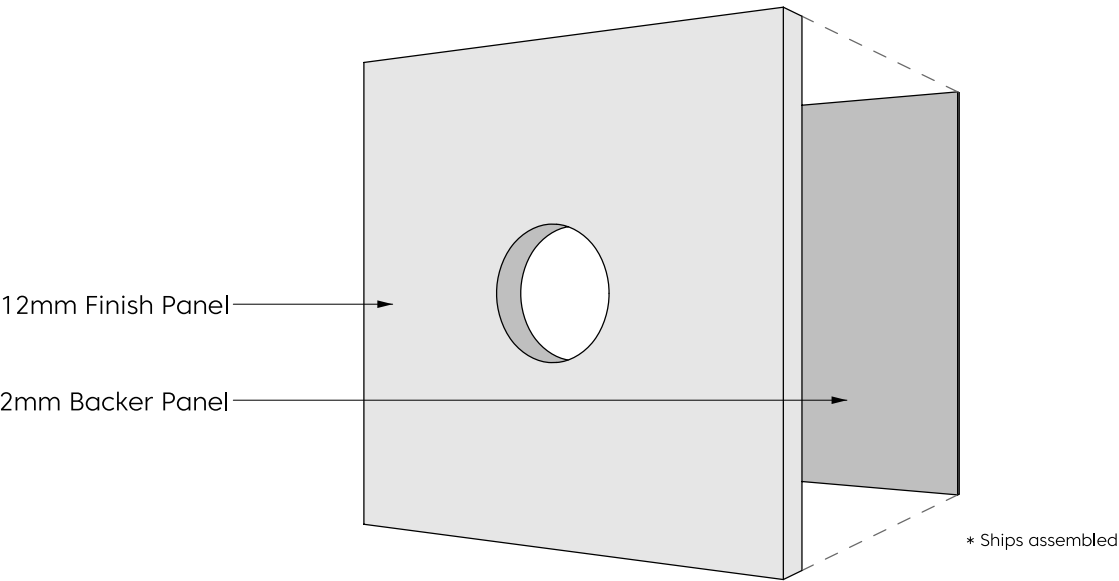
Right Triangle



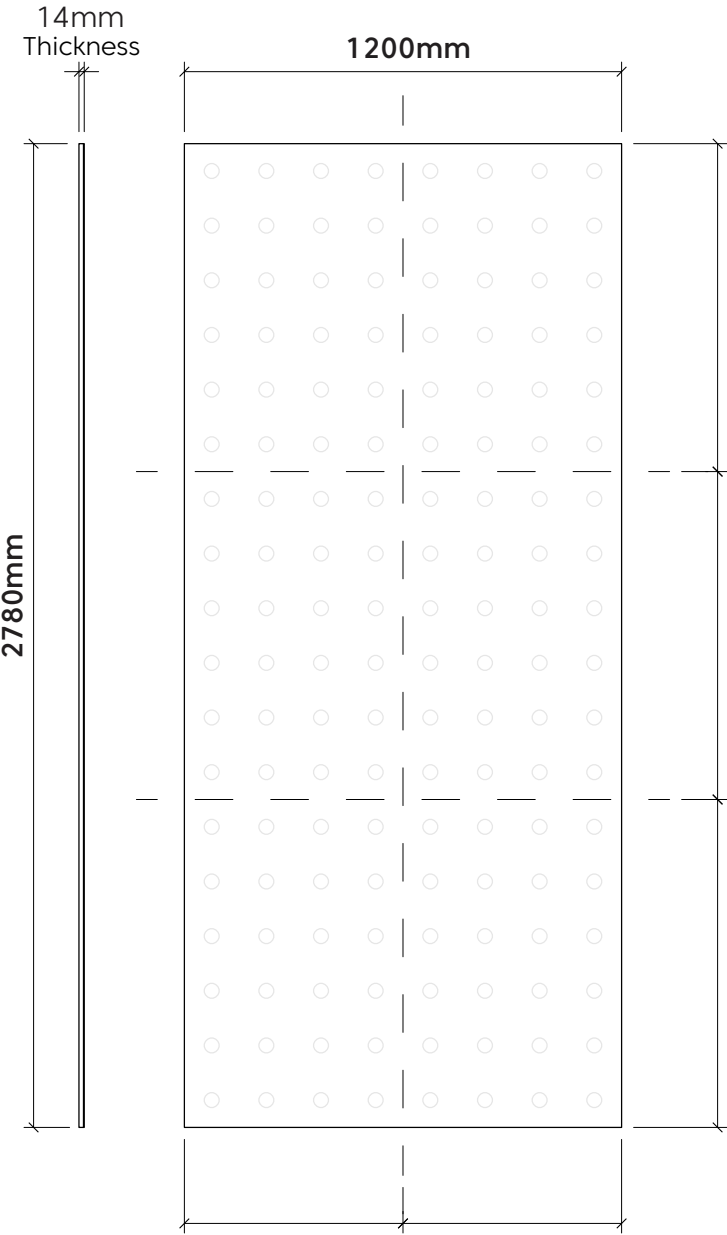
Rectangle

# Design Profile

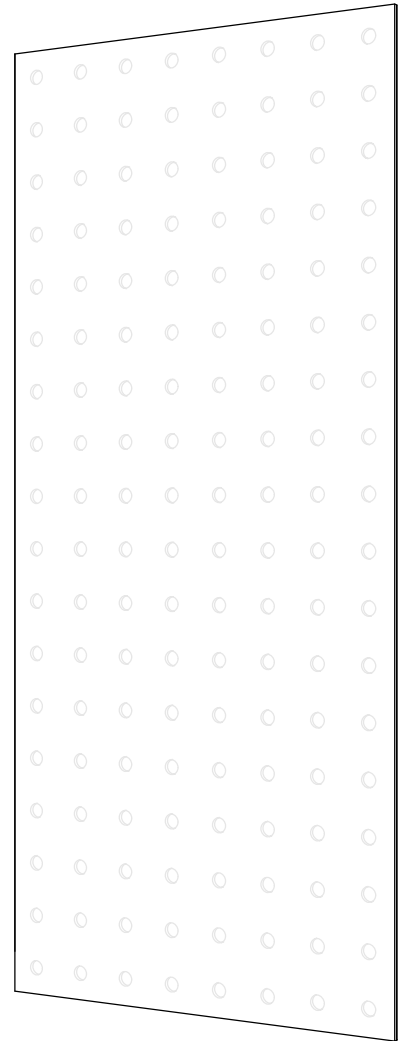
3D View



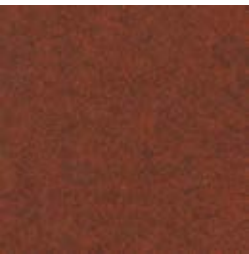




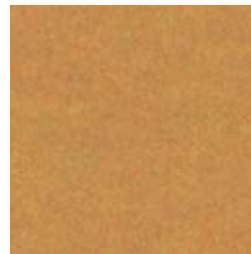
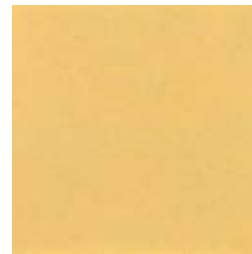
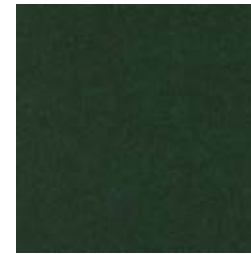




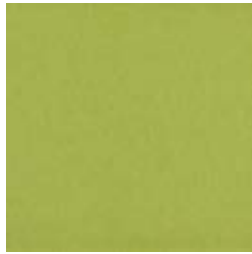


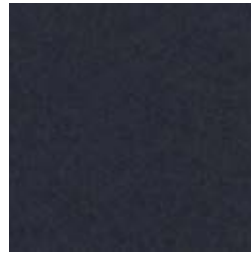
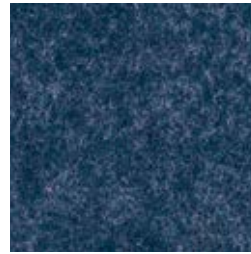

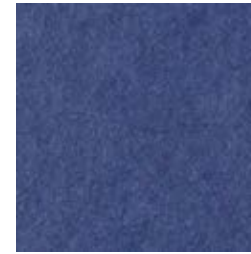








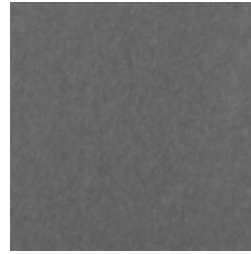










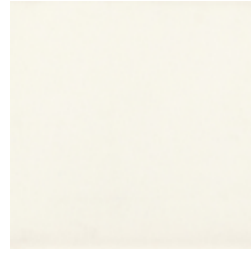

Elevation



Perspective



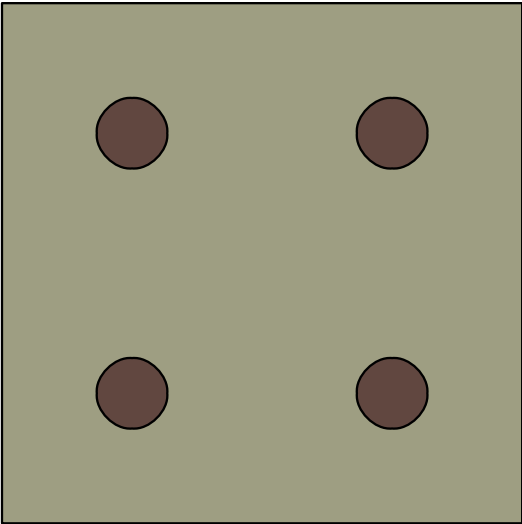
# FilaSorb™ Colorways

										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Iris IR10	Azur AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Walnut WA56
										
Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12	Milkyway MI74			

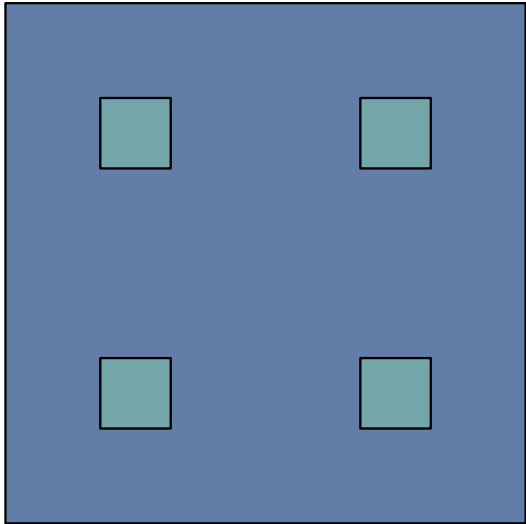
**Can't find a color?**  
We are constantly updating our palette, which includes adding and discontinuing certain color lines. If you can't find the color you are looking for, please contact us with your color request, as we may still have stock available.



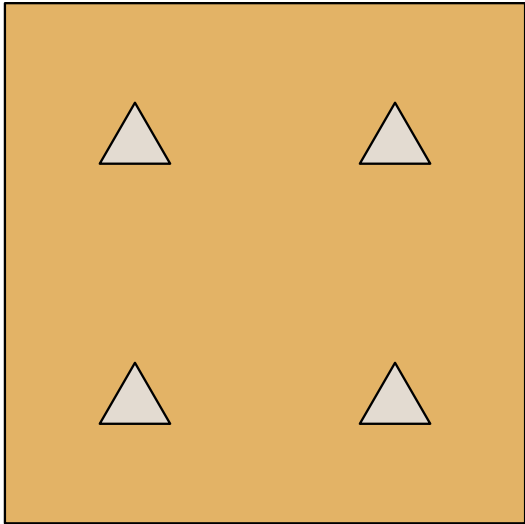
# Color Scheme Examples



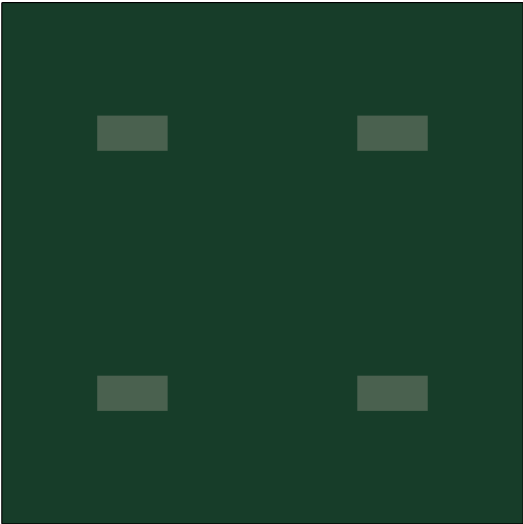
Pistachio (Finish Panel) +  
Walnut (Backer Panel)



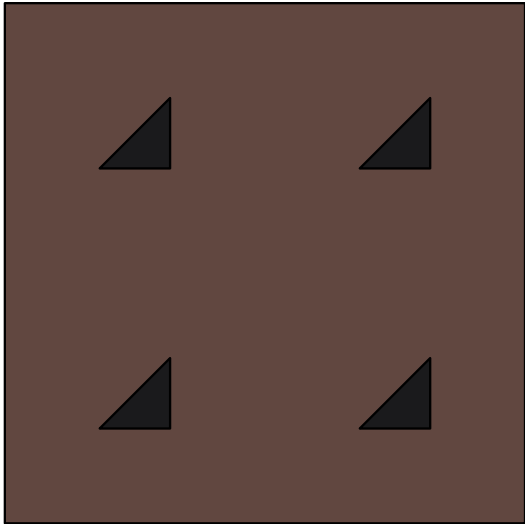
Marine (Finish Panel) +  
Sea Salt (Backer Panel)



Popcorn (Finish Panel) +  
Almond (Backer Panel)



Kale (Finish Panel) +  
Thistle (Backer Panel)



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