

acoufelt
making quiet




QuietForm™ Panels


Specifications

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min. rPET
Weight	2400gsm
Thickness	12mm +/- 10%
Dimensions	1200 x 2800mm


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 <small>(according to AS 5637.7:2015 requirements)</small>
Group number	Group 1
SMOGRARC (in m²/s² x 1000)	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

Details

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colorfastness warranty	20 years* <small>*conditions apply</small>

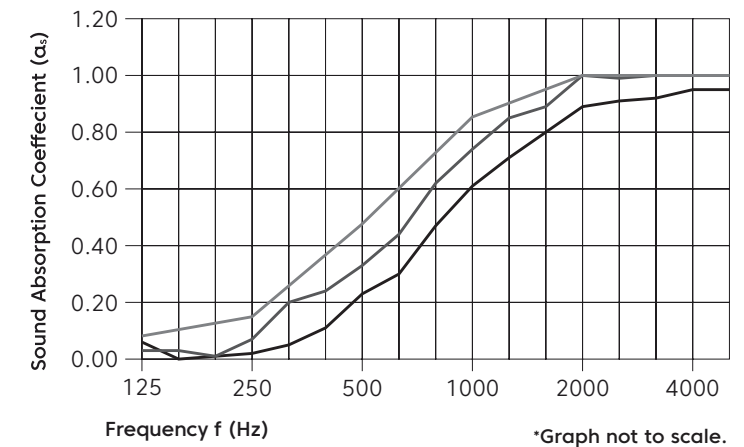
Acoustic Performance

Test method
ASTM C423-09a: 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 systems

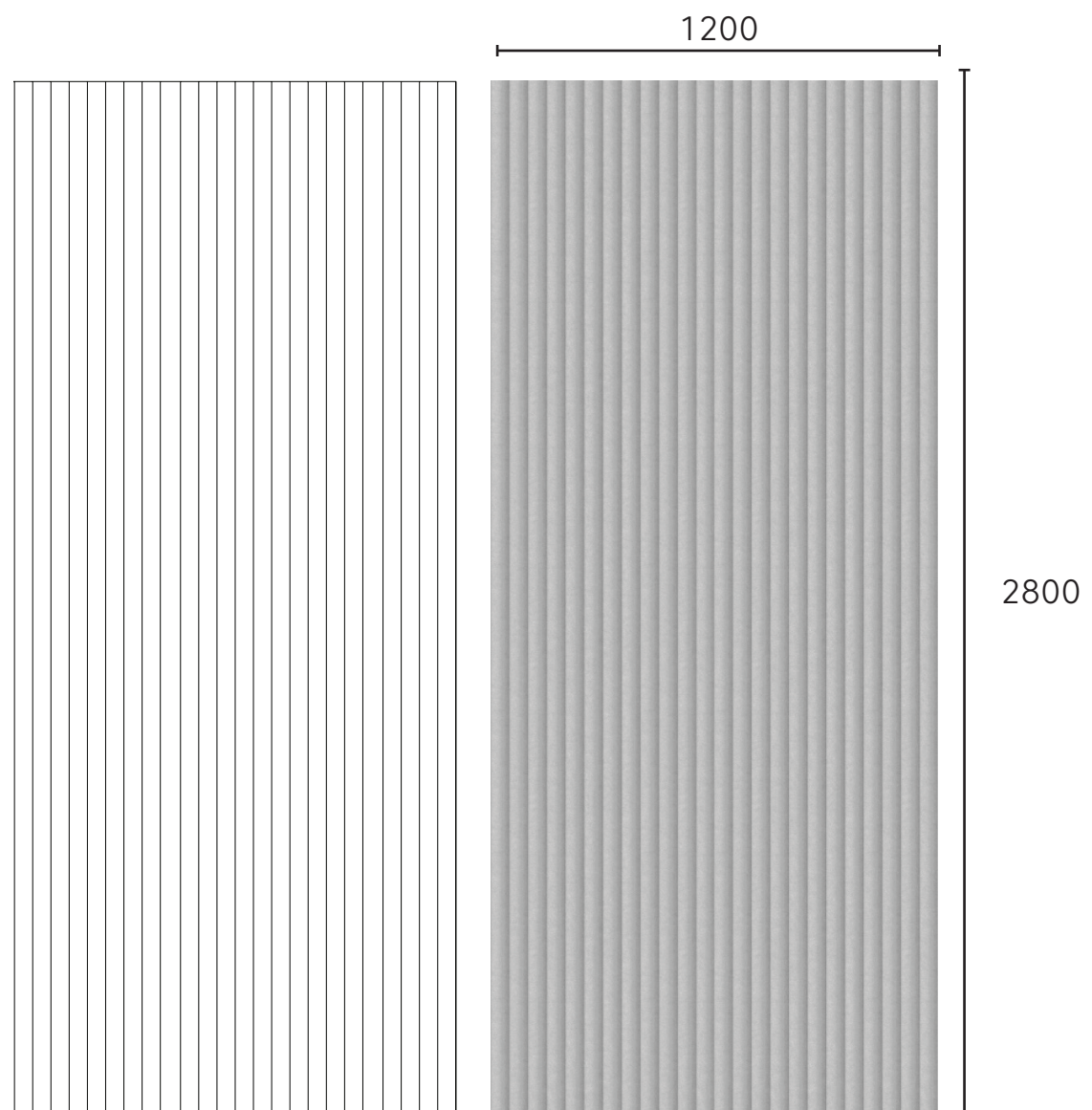
Test results
no air gap - 0.45 NRC | 0.25 (H) aw, Class E
12mm air gap - 0.54 NRC | 0.35 (MH) aw, Class D
20mm air gap - 0.64 NRC | 0.40 (MH) aw, Class D



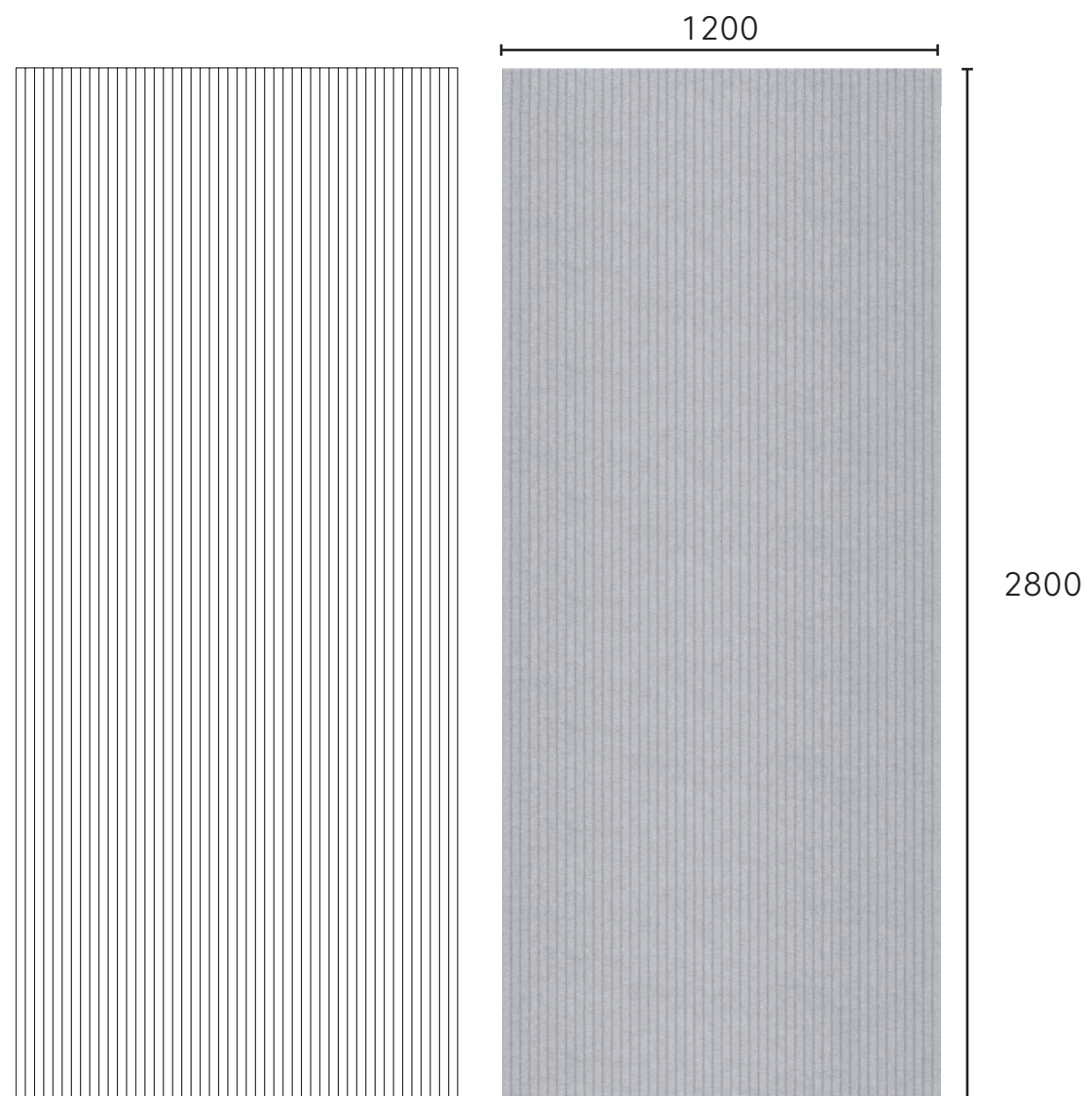
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
αs 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
αs 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64

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

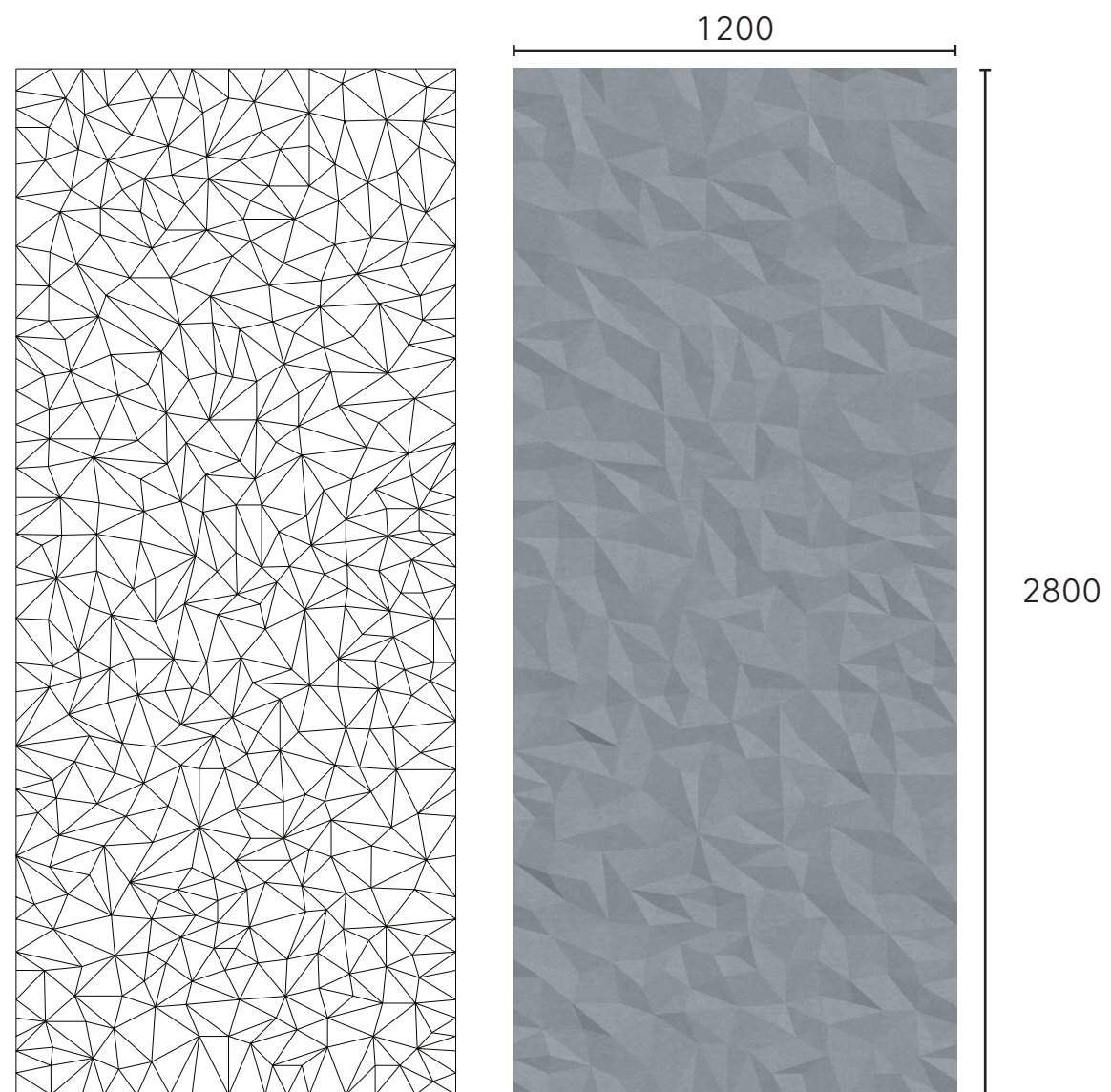
Celestial Design



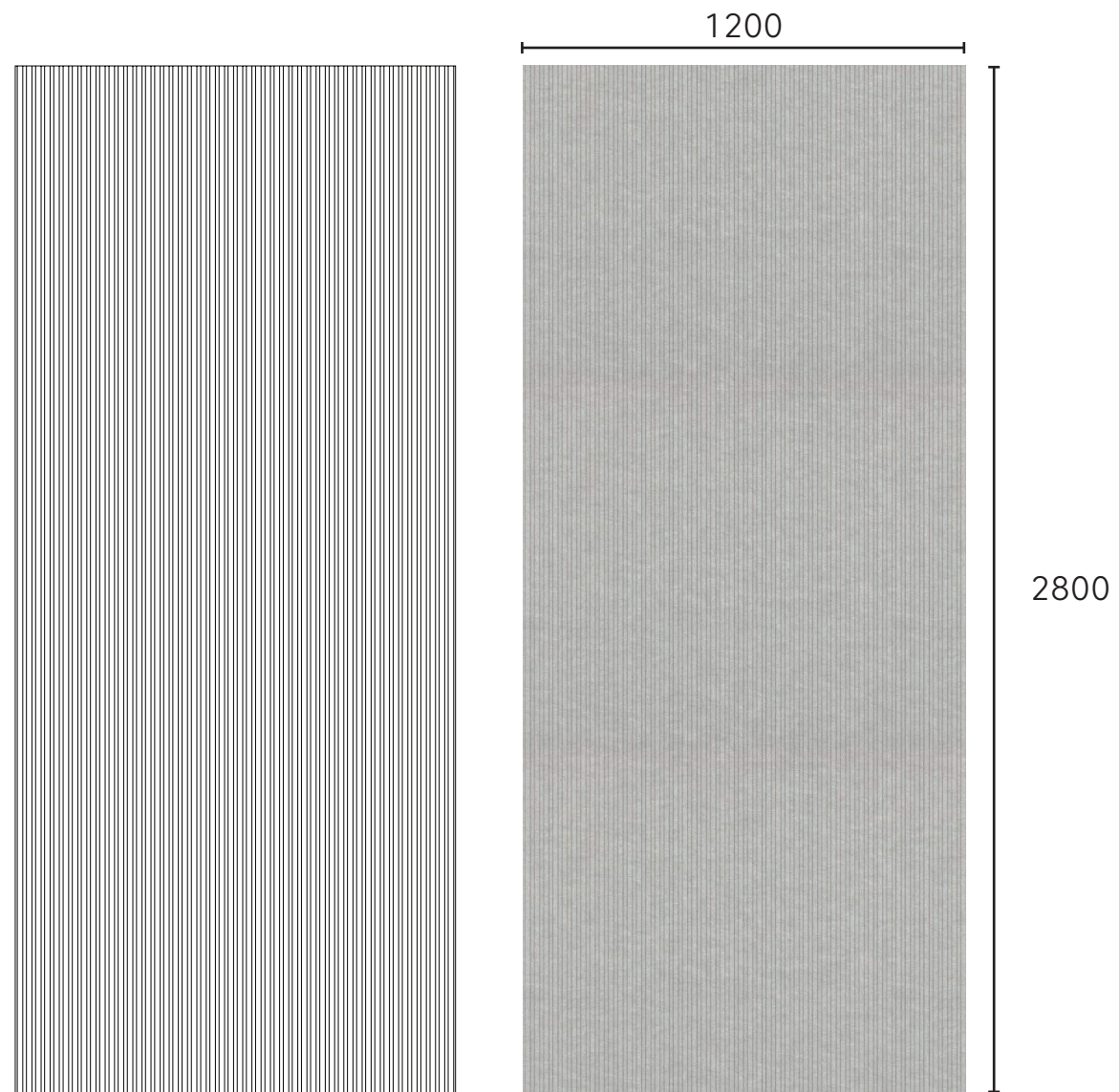
Flute Design



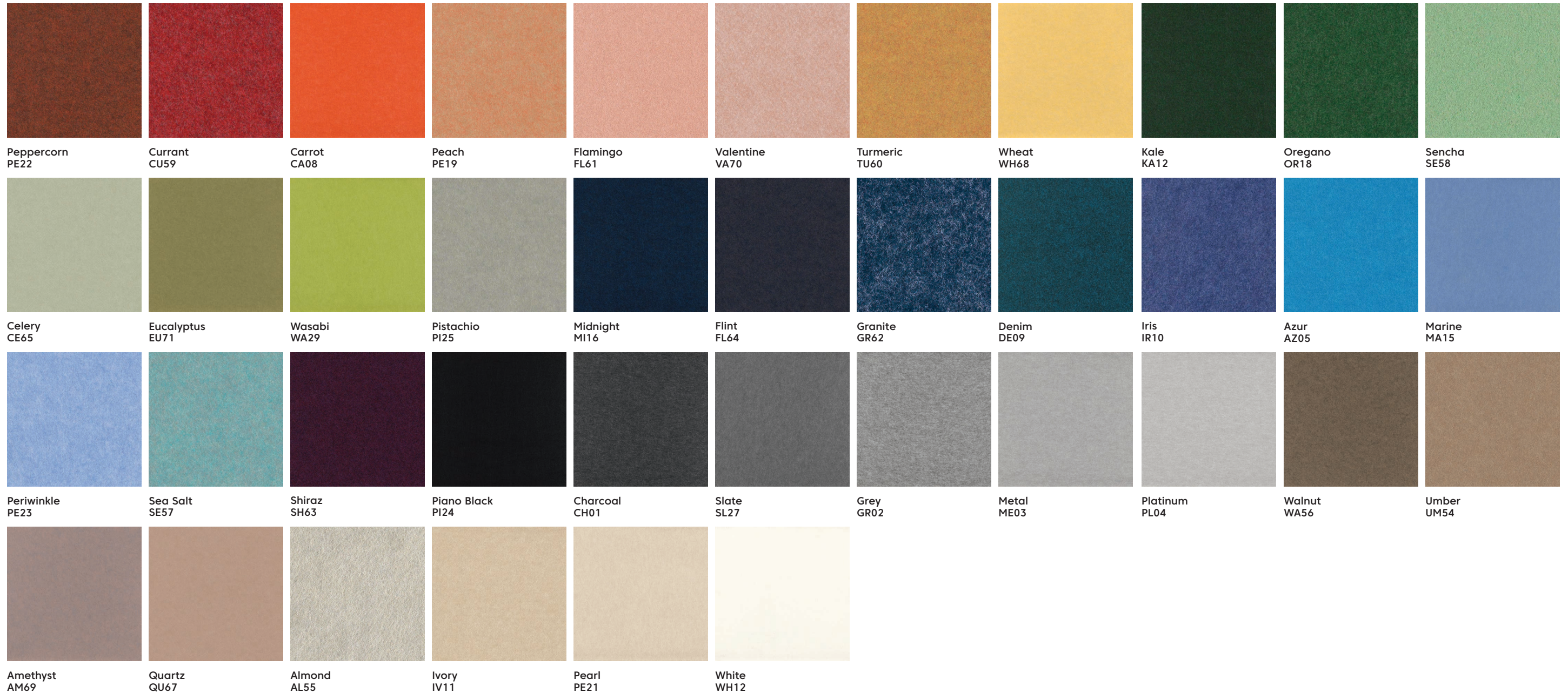
Kalos Design



Pole Design



Colorways



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.

WoodBeQuiet™ Prints



Mounting Methods

Construction Adhesive

