

acoufelt  
making quiet



# Screens

# Specifications

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

<b>Fire test method</b>	AS ISO 9705:2033 <small>(according to AS 5637.7:2015 requirements)</small>
<b>Group number</b> <b>SMOGR<sub>RC</sub></b> (in m <sup>2</sup> /s <sup>2</sup> x 1000)	Group 1 0.93
<b>Total VOC test method</b>	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
<b>Total VOC result</b>	≤ 0.5mg/m <sup>3</sup>
<b>Colorfastness test method</b>	ISO 105-B02
<b>Rating</b>	6-7
<b>Water vapour sorption method</b>	ASTM C1104-2019 (Procedure A Modified)
<b>Water sorbed by weight</b>	0.20% (results based on a 12mm thick panel)

# Details

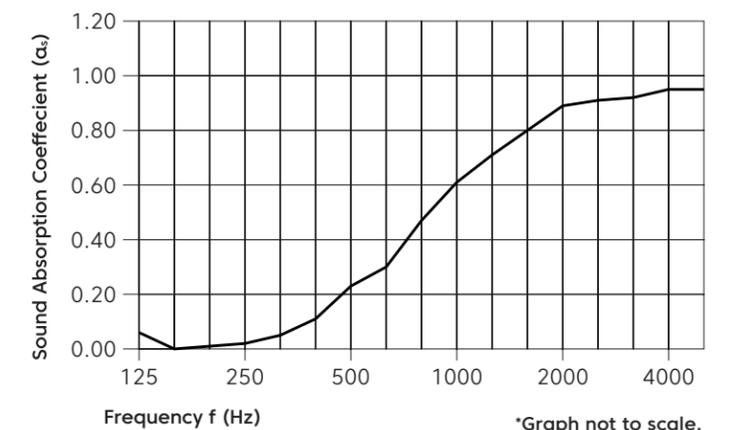
<b>Lead time</b>	2-3 weeks
<b>Origin</b>	Australia
<b>Warranty against defects</b>	20 years*
<b>Colorfastness warranty</b>	20 years*

\*conditions apply

# Acoustic Performance

<b>Test method</b>	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room
<b>Installation method</b>	A, tested with no air gap
<b>Rating method</b>	ISO 11654-1997 Acoustic – sound absorbers for use in buildings – rating of sound absorption
<b>Test results</b>	NRC 0.45 no air gap* SAA 0.43 no air gap*

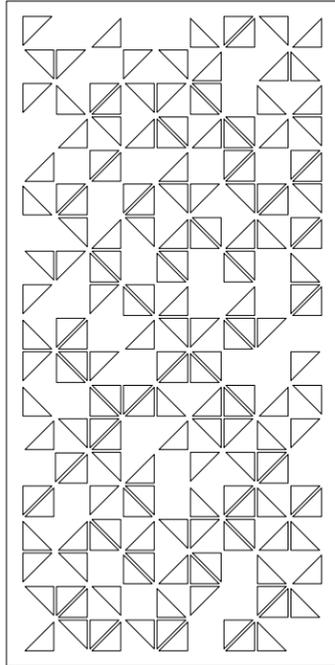
\*results are for material only, some screen designs may not provide the same sound absorption rating due to the cut pattern variation.



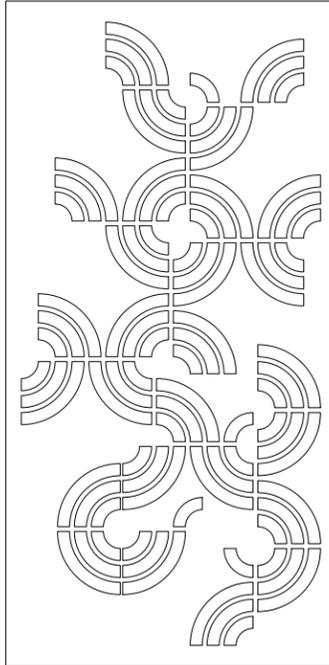
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α <sub>s</sub> no air gap	0.06	0.03	0.23	0.61	0.89	0.95	0.45

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

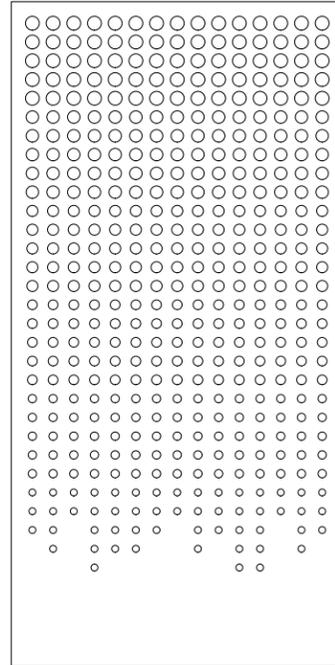
# Designs



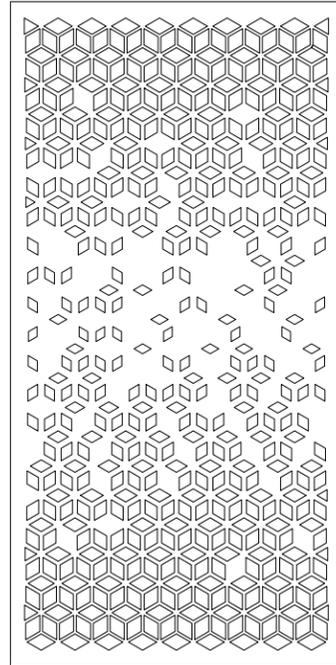
Origami



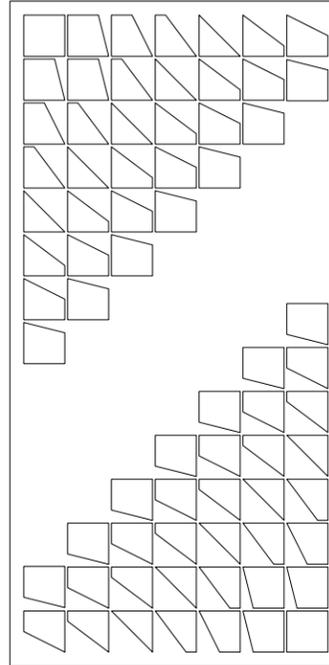
Turntable



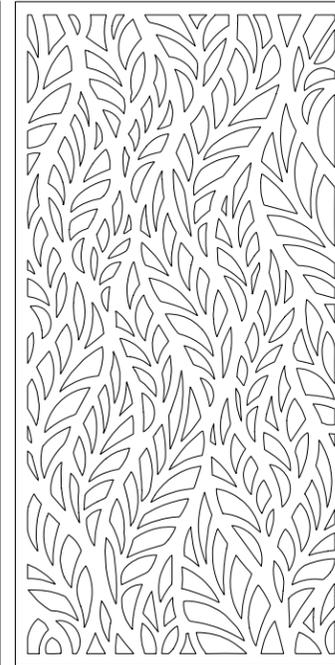
Rain



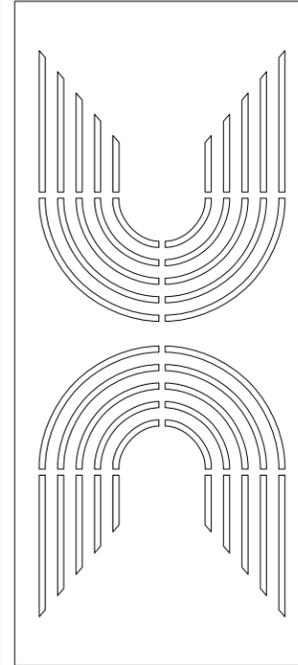
Blizzard



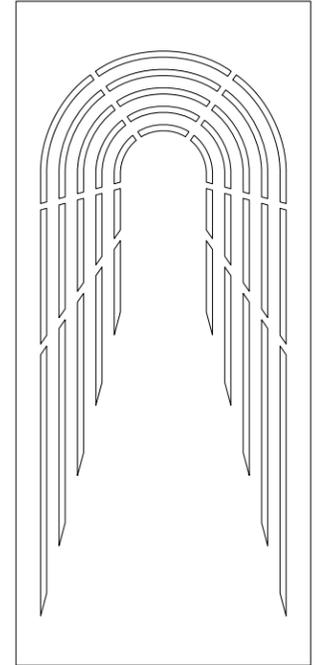
Radar



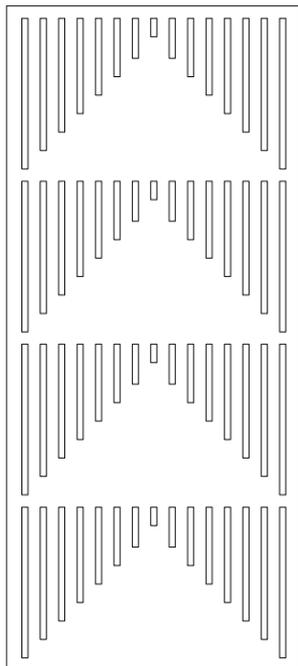
Fern



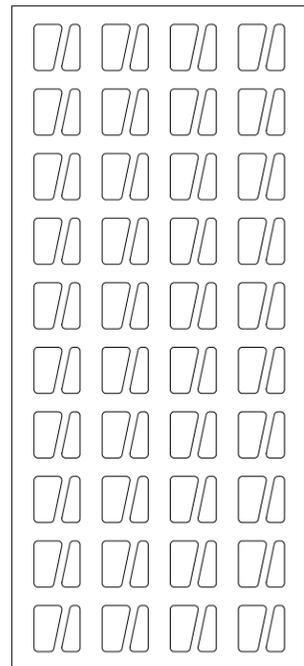
Insignia



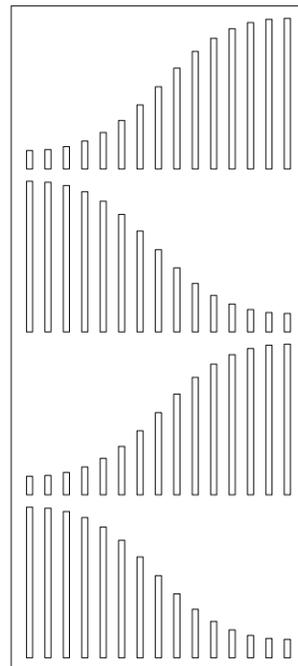
Tunnel



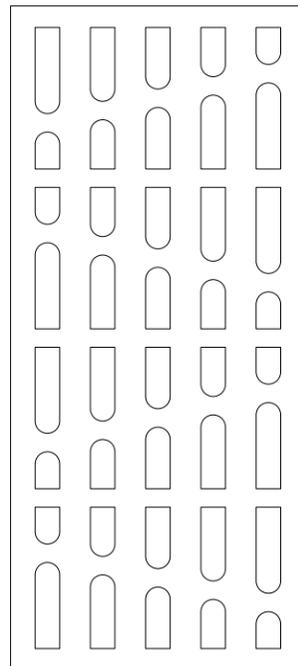
Pyramid



Skyscraper



Sonar



Waterfall

# FilaSorb™ Colorways

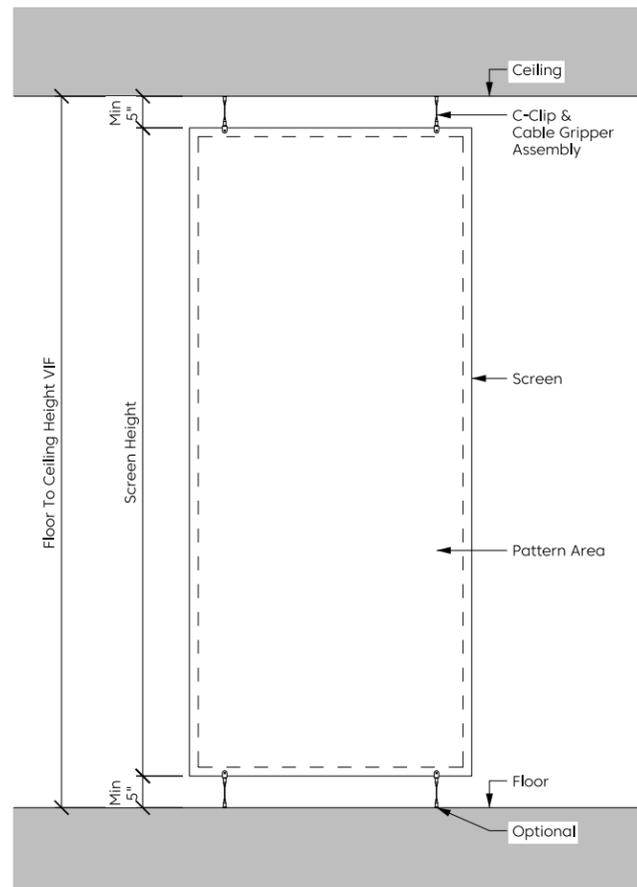


## Can't find a color?

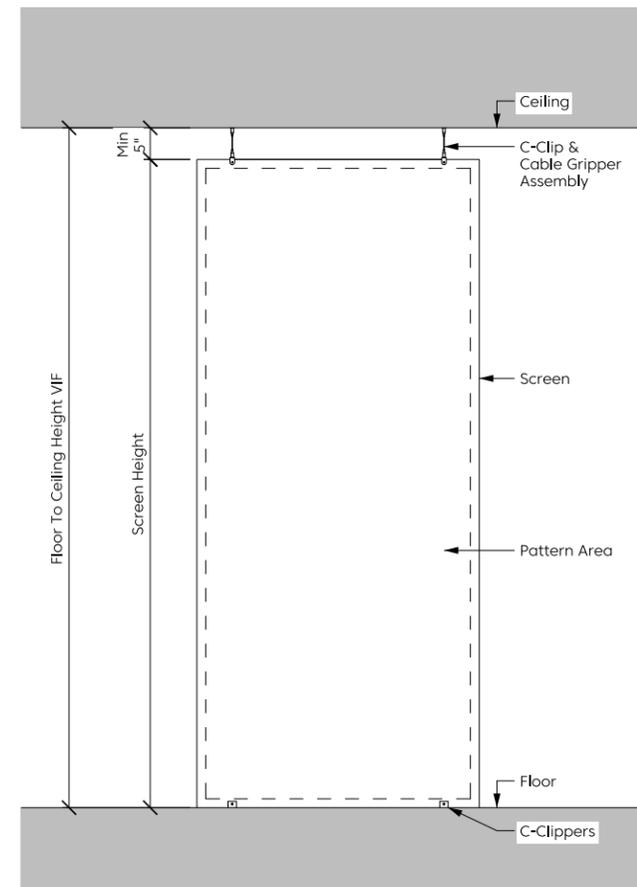
We are constantly updating our palette, which includes adding and discontinuing certain color lines. If you can't find the color you are looking for, please contact us with your color request, as we may still have stock available.

# Mounting Methods

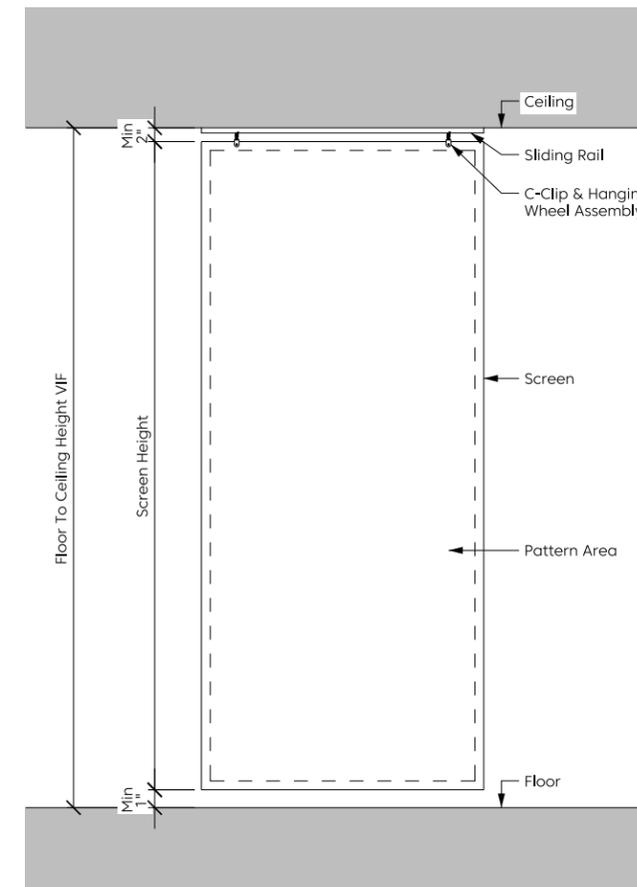
Cable Hanging System



Cable Hanging System with C-Clips



Sliding System



C Channel System

