



acoufelt  
making quiet

# Filter Wall Panels

# Specifications

|                         |   |
|-------------------------|---|
| <b>Application</b>      | Wall  |
| <b>Composition</b>      | 100% polyester  |
| <b>Material</b>         | FilaSorb™   |
| <b>Recycled content</b> | 60% min. rPET   |
| <b>Thickness</b>        | 12mm +/- 10%  |
| <b>Weight</b>           | 2400gsm   |
| <b>Dimensions</b>       | Panel width – 610mm<br>Column widths – 50, 102, 152 & 203mm<br>Depth – 76mm<br>Height – 1220, 2440 & 2800mm<br>Custom sizes available |

# Sustainability



Made from 60% min. recycled content



Total VOC's less than 0.5 mg/m<sup>3</sup> (3<sup>rd</sup> Party Verified)



Generated using 40% solar energy



Recyclable at end-of-life



Indoor Advantage Gold Certified.



# Technical Data

|                                     |  |
|-------------------------------------|--|
| <b>Fire test method</b>             | EN 13501-1: 2019   |
| <b>Classification</b>               | B-s1, d0   |
| <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)                                |
| <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>Colourfastness test method</b>   | ISO 105-B02  |
| <b>Rating</b>                       | 6-7  |

# Guarantees

|                                 |                |
|---------------------------------|----------------|
| <b>Lead Time</b>                | 6-8 weeks      |
| <b>Origin</b>                   | United Kingdom |
| <b>Warranty against defects</b> | 20 years*      |
| <b>Colourfastness warranty</b>  | 20 years*      |

\*conditions apply

# 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

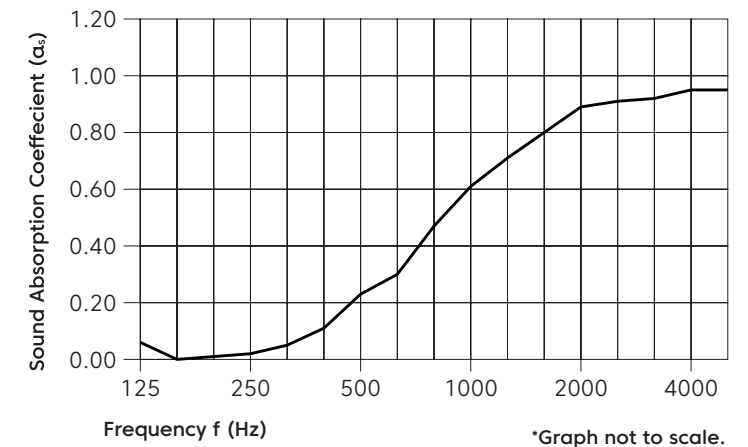
## Rating method

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

## Test results

no air gap - 0.45 NRC | 0.25 (H) aw no air gap, Class E

\*results are for material only



| Frequency (Hz)                   | 125  | 250  | 500  | 1000 | 2000 | 4000 | NRC  | Class Rating |
|----------------------------------|------|------|------|------|------|------|------|--------------|
| 12mm - α <sub>s</sub> no air gap | 0.06 | 0.02 | 0.23 | 0.61 | 0.89 | 0.95 | 0.45 | Class A      |

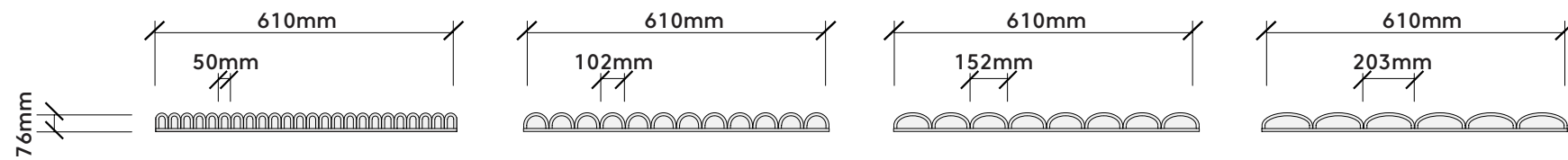
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results.

# Filter Designs

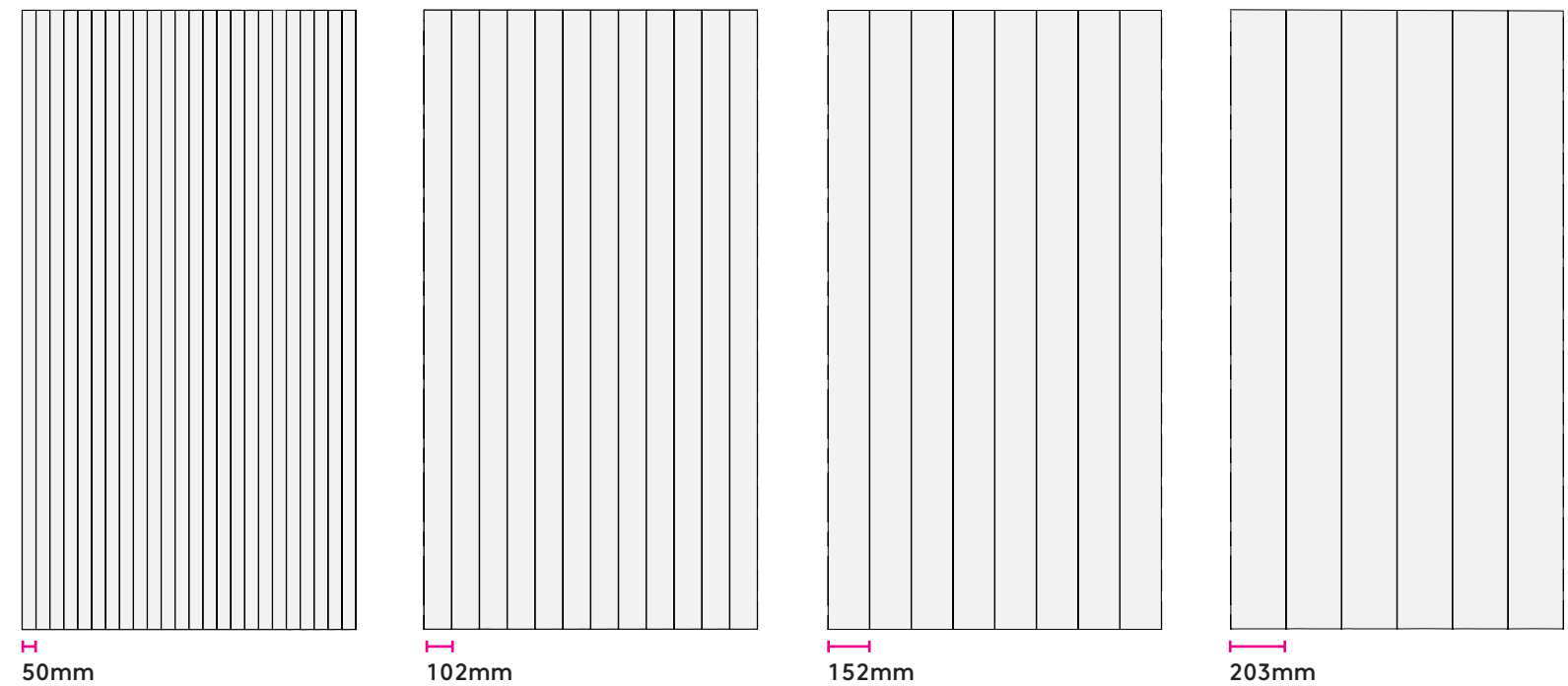
## Sizes

|               |   |
|---------------|---|
| <b>Width</b>  | Panel width – 610mm<br>Column widths – 50, 102, 152 & 203mm |
| <b>Depth</b>  | 76mm  |
| <b>Length</b> | 1220, 2440 & 2800mm<br>Custom sizes available               |

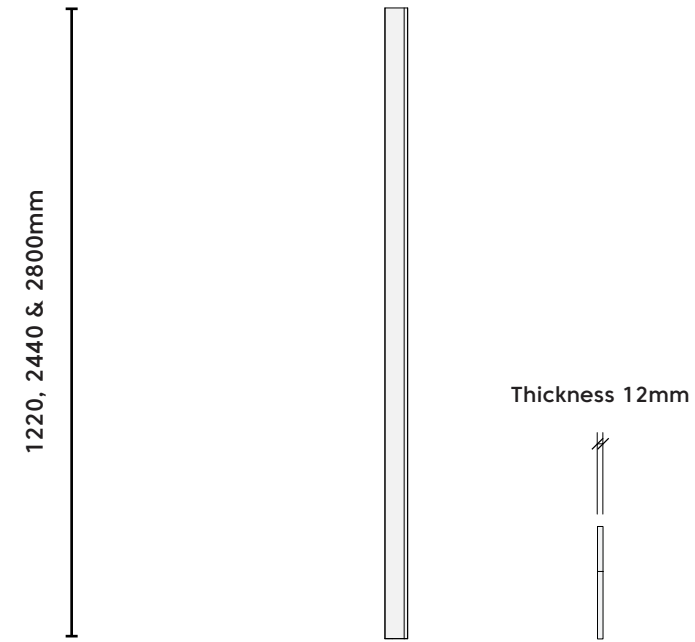
### Plan



### Elevation



### Side Elevation



# 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.

# Mounting Methods

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## Construction Adhesive

