

acoufelt  
making quiet



# Full Colour Ceiling Tiles

# Product Detail

<b>Application</b>	Ceiling
<b>Composition</b>	100% polyester
<b>Material</b>	FilaSorb™
<b>Recycled content</b>	60% min
<b>Weight</b>	2400gsm
<b>Thickness</b>	12mm +/- 10%
<b>Dimensions</b>	595 x 595mm 595 x 1195mm Custom size available upon request
<b>Qty per carton</b>	595 x 595mm = 8 595 x 1195mm = 4

# Sustainability



Made from 60% min. recycled content



Declare Red List Free (3<sup>rd</sup> Party Verified)



Generated using 40% solar energy



Recyclable at end of lifespan



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



# 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>	4-6 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**  
AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room

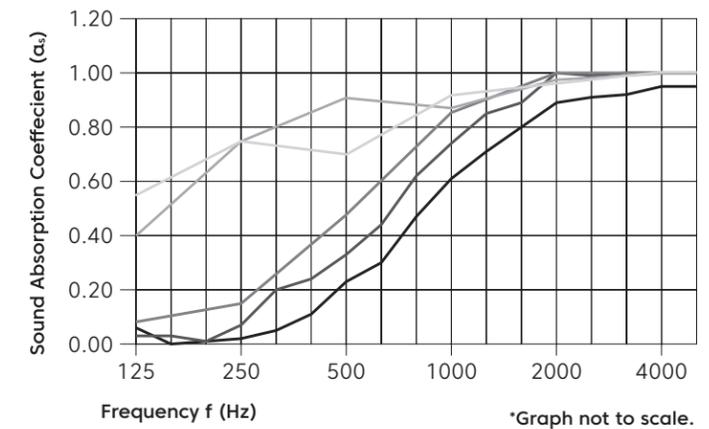
**Installation method**

<u>Method A</u>	<u>Method E</u>
no air gap, 12mm air gap, 20mm air gap	E-200 200mm air gap, E-400 400mm air gap

**Rating method**  
ISO 11654-1997: Acoustic – sound absorbers for use in buildings – rating of sound absorption

**Test results**  
Method A  
NRC 0.45 no air gap |  $\alpha_w$  0.25 (H), Class E  
NRC 0.54 12mm air gap |  $\alpha_w$  0.35 (MH), Class D  
NRC 0.64 20mm air gap |  $\alpha_w$  0.40 (MH), Class D

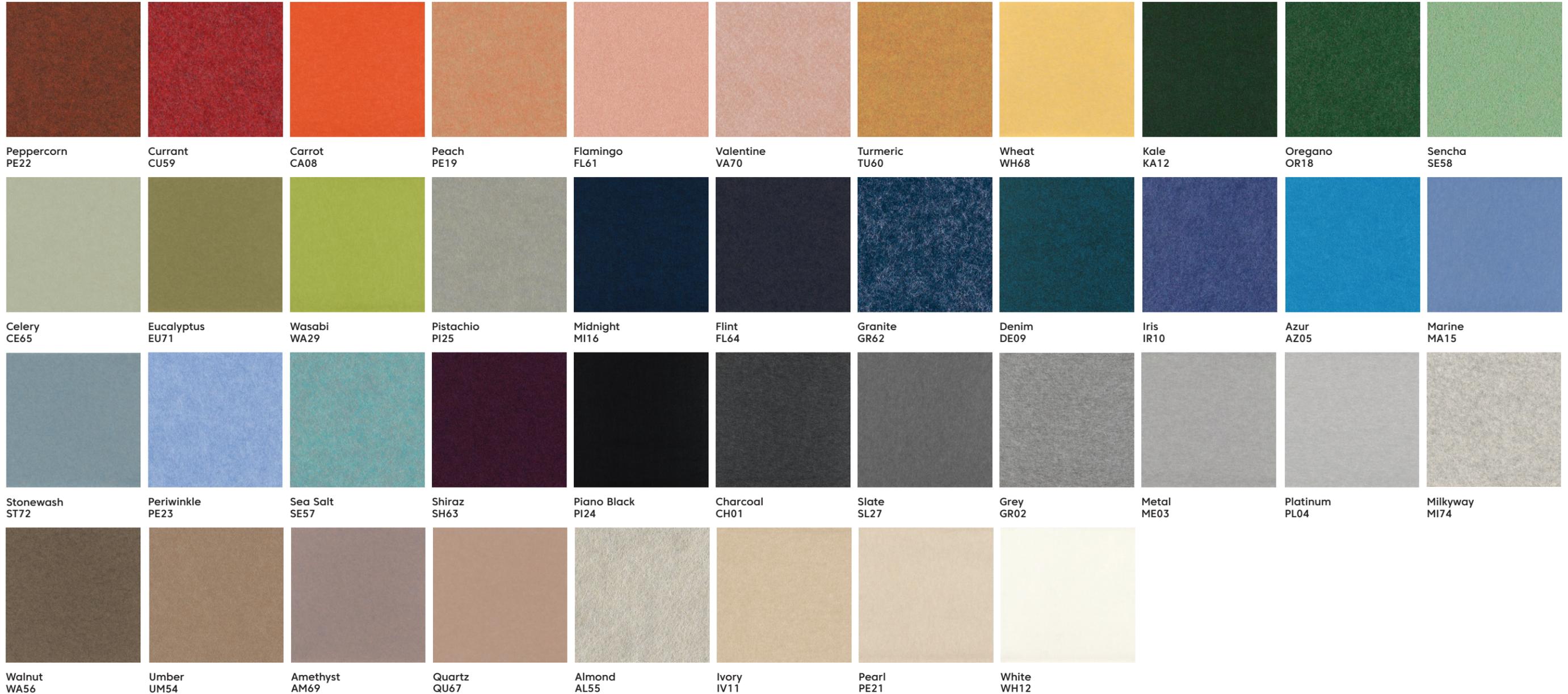
Method E  
NRC 0.85 200mm air gap |  $\alpha_w$  0.90, Class A  
NRC 0.80 400mm air gap |  $\alpha_w$  0.80, Class B



Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
$\alpha_s$ no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45	Class E
$\alpha_s$ 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54	Class D
$\alpha_s$ 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64	Class D
$\alpha_s$ 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85	Class A
$\alpha_s$ 400mm air gap	0.55	0.75	0.70	0.90	0.95	1.00	0.80	Class B

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.

# FilaSorb™ Colourways



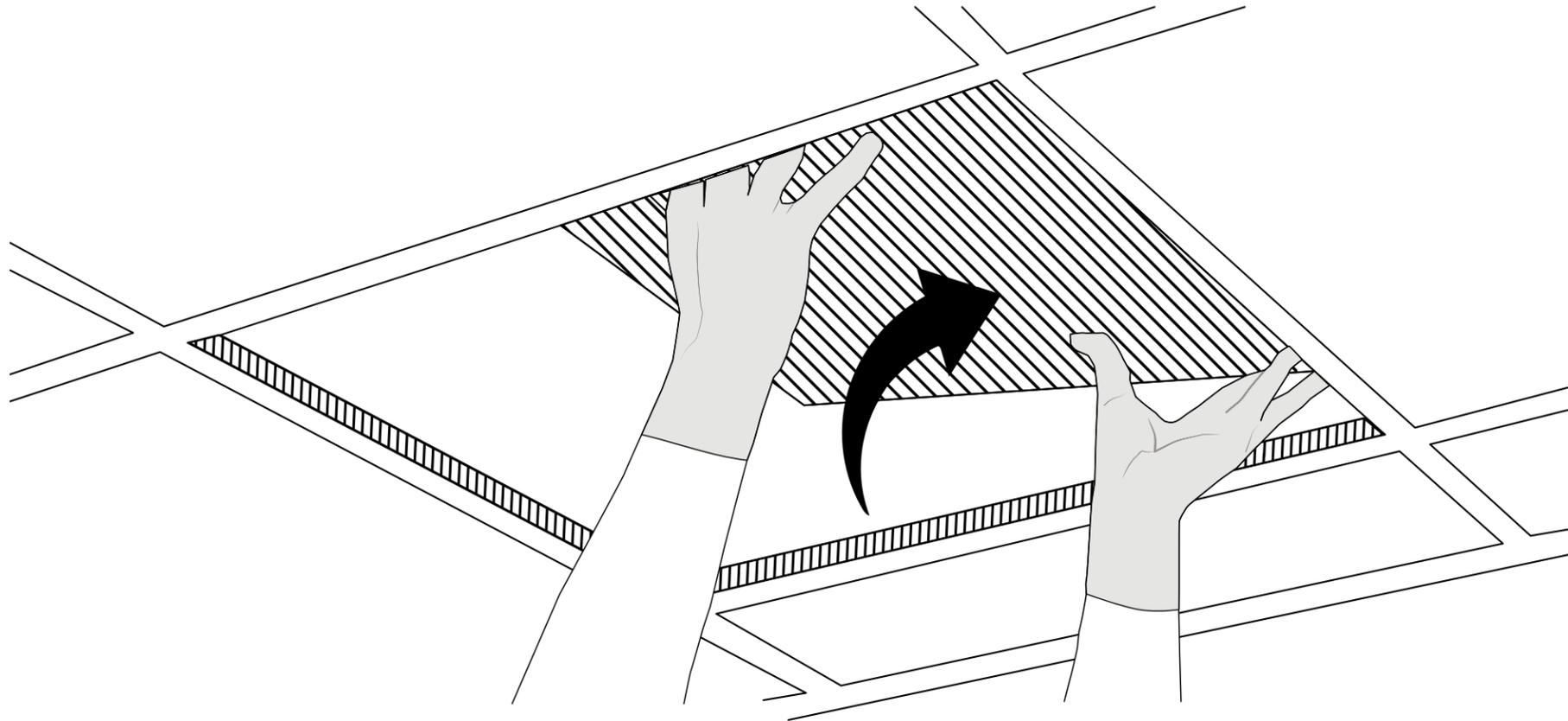
## Can't find a colour?

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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## Drop Tile Method



Before installing your tiles, ensure the grid has been installed in accordance with the local building code.