



acoufelt  
making quiet



Full Colour  
Ceiling Clouds

# 12mm 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>	Circle – 1200 x 1200mm Hexagon – 1200 x 1385mm Rectangle – 1200 x 1400mm
<b>Qty per carton</b>	Circle – 2 Hexagon – 2 Rectangle – 1

# 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)



# 12mm 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

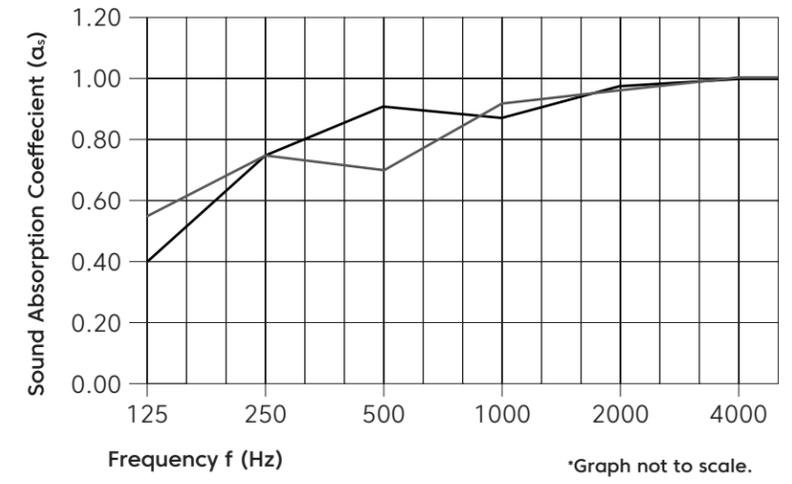
# 12mm Acoustic Performance

**Test method**  
ASTM E795-16: Standard Practices for Mounting Test Specimens During Sound Absorption Tests

**Installation method**  
Method E  
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 E  
NRC 0.85 200mm air gap | aw 0.90 200mm air gap, Class A  
NRC 0.80 400mm air gap | aw 0.80 (H) 400mm air gap, Class B



Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
α <sub>v</sub> 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85	Class A
α <sub>v</sub> 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.

## 24mm Product Detail

<b>Application</b>	Ceiling
<b>Composition</b>	100% polyester
<b>Material</b>	FilaSorb™
<b>Recycled content</b>	60% min
<b>Weight</b>	4800gsm
<b>Thickness</b>	24mm +/- 10%
<b>Dimensions</b>	Circle – 1200 x 1200mm Hexagon – 1200 x 1385mm Rectangle – 1200 x 1400mm
<b>Qty per carton</b>	Circle – 2 Hexagon – 2 Rectangle – 1

## Sustainability



Made from 60% min. recycled content



Total VOC's less than 0.5 mg/m<sup>3</sup>



Generated using 40% solar energy



Recyclable at end of lifespan



## 24mm Technical Data

<b>Fire test method</b>	Result pending
<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

## 24mm Acoustic Performance

### Test method

ASTM E795-16: Standard Practices for Mounting Test Specimens During Sound Absorption Tests

### Installation method

A, tested with no air gap

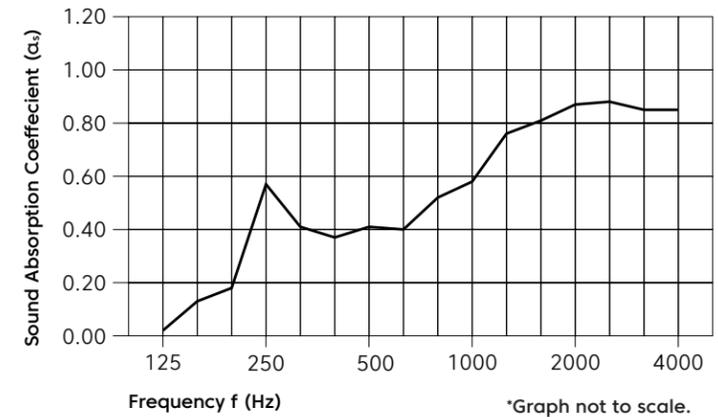
### Rating method

ISO 11654-1997

Acoustic – sound absorbers for use in buildings – rating of sound absorption

### Test results

NRC 0.60 no air gap | 0.50 (LH) aw no air gap, Class D

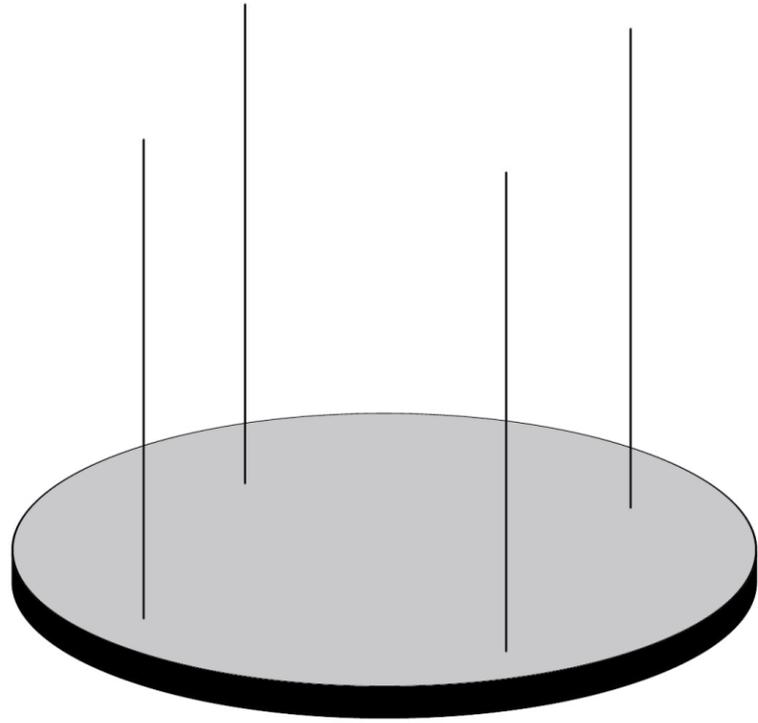


Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
α <sub>s</sub>	0.02	0.57	0.41	0.58	0.87	0.85	0.60	Class D

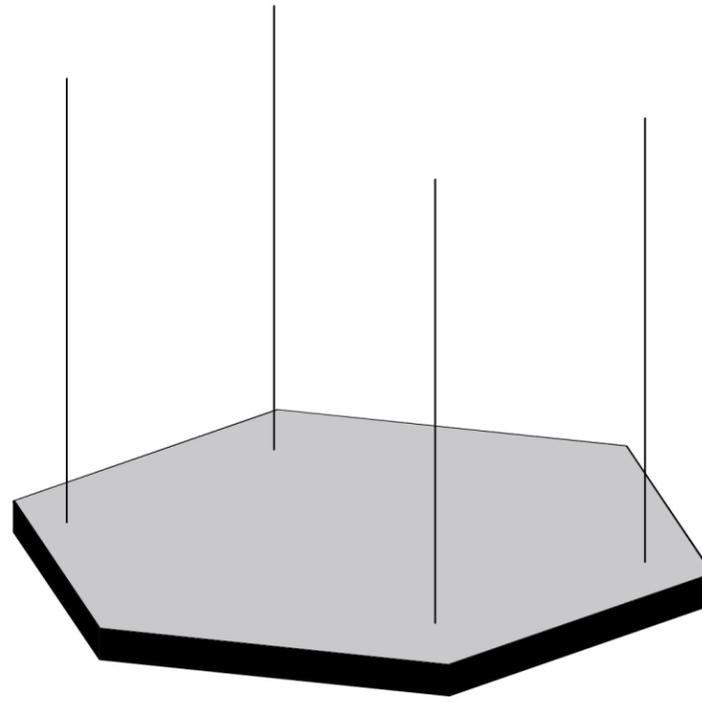
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation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

# Designs

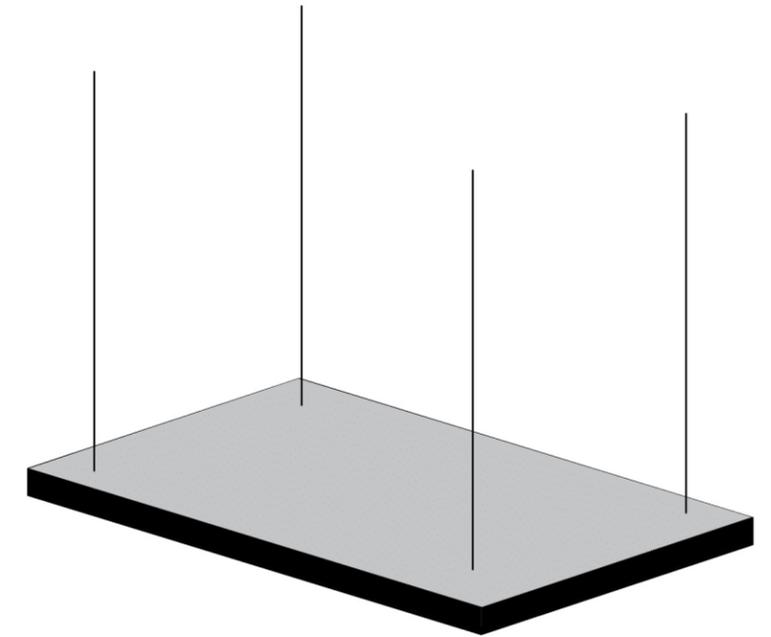
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**Circle**  
Dimensions  
1200 x 1200mm



**Hexagon**  
Dimensions  
1200 x 1385mm



**Rectangle**  
Dimensions  
1200 x 1400mm

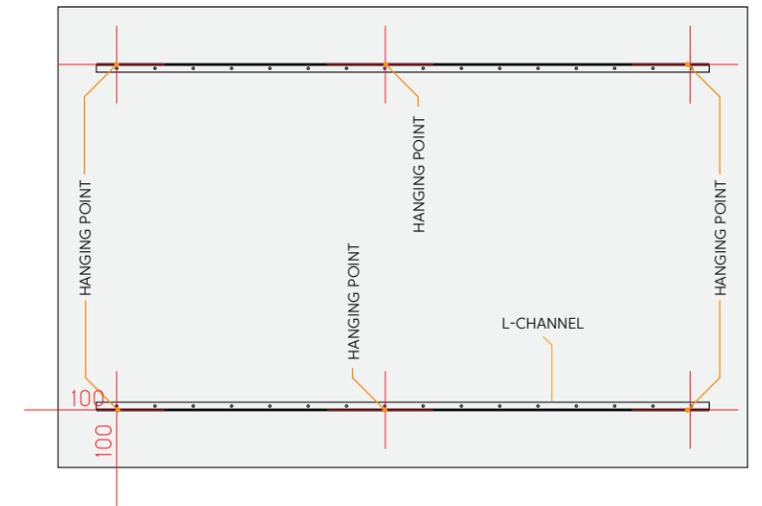
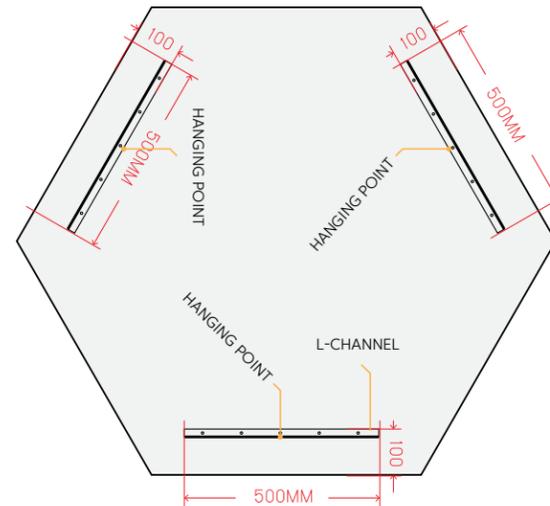
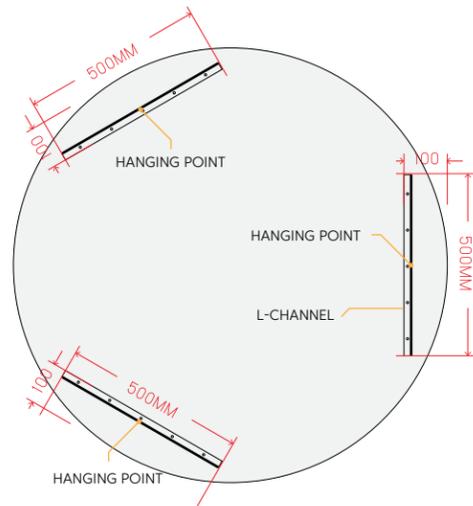
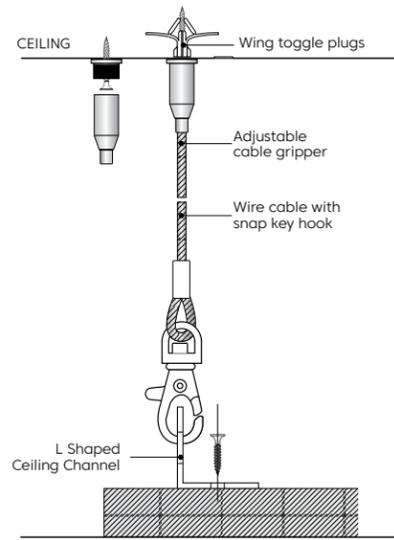
# Premier Colourways



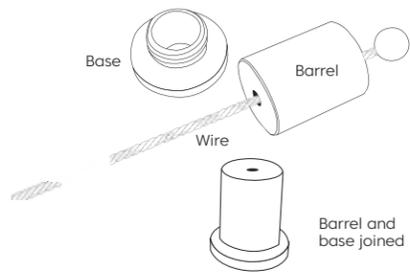
## Can't find a colour?

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



Cable gripper



Adjustable cable gripper with hook

