



# Full Color Ceiling Tiles

FilaSorb™ 12

acoufelt  
making quiet

# 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)



Declare

# Technical Data

<b>Fire test method</b>	AS ISO 9705:2033 <small>(according to AS 5637.7:2015 requirements)</small>
<b>Group number</b>	Group 1
<b>SMOGRARC (in m<sup>2</sup>/s<sup>2</sup> x 1000)</b>	0.93
<b>Fire test method</b>	ASTM E48
<b>Classification</b>	Class A
<b>Flame spread index</b>	15
<b>Smoke developed index</b>	200
<b>Fire test method</b>	EN 13501-1: 2019
<b>Classification</b>	B-s1, d0
<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

# Guarantees

<b>Warranty against defects</b>	20 years*
<b>Colorfastness warranty</b>	20 years*
	<small>*conditions apply</small>

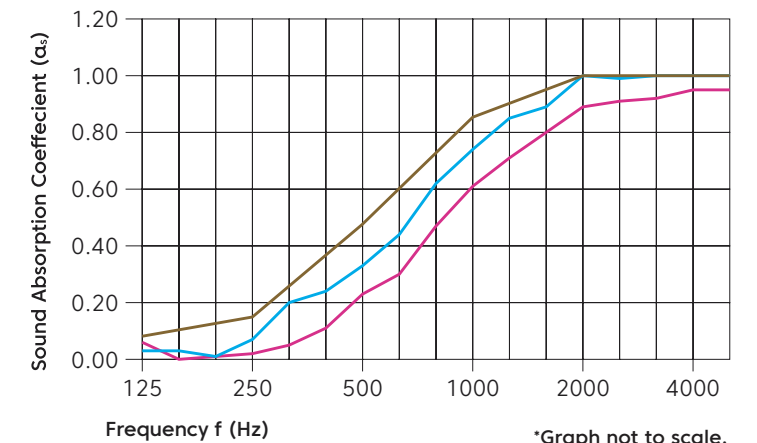
# QuickShip



Our standard made to order products have an approx. **2-3 week** lead time from payment and order confirmation.

# Acoustic Performance

<b>Test method</b>	AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room	
<b>Installation method</b>	<u>Method A</u>	<u>Method E</u>
	no air gap, 12mm air gap, 20mm air gap	E-200 12mm air gap, E-400 400mm air gap
<b>Rating method</b>	ISO 11654-1997: Acoustic – sound absorbers for use in buildings – rating of sound absorption	
<b>Test results</b>	<u>Method A</u>	<u>Method E</u>
	NRC 0.45 no air gap NRC 0.54 12mm air gap NRC 0.64 20mm air gap	NRC 0.85 200mm air gap NRC 0.80 400mm air gap
	SAA 0.43 no air gap SAA 0.54 12mm air gap	SAA 0.86 200mm air gap SAA 0.83 400mm air gap



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α <sub>s</sub> no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
α <sub>s</sub> 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
α <sub>s</sub> 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64
α <sub>s</sub> 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85
α <sub>s</sub> 400mm air gap	0.55	0.75	0.70	0.90	0.95	1.00	0.80

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



# Colorways

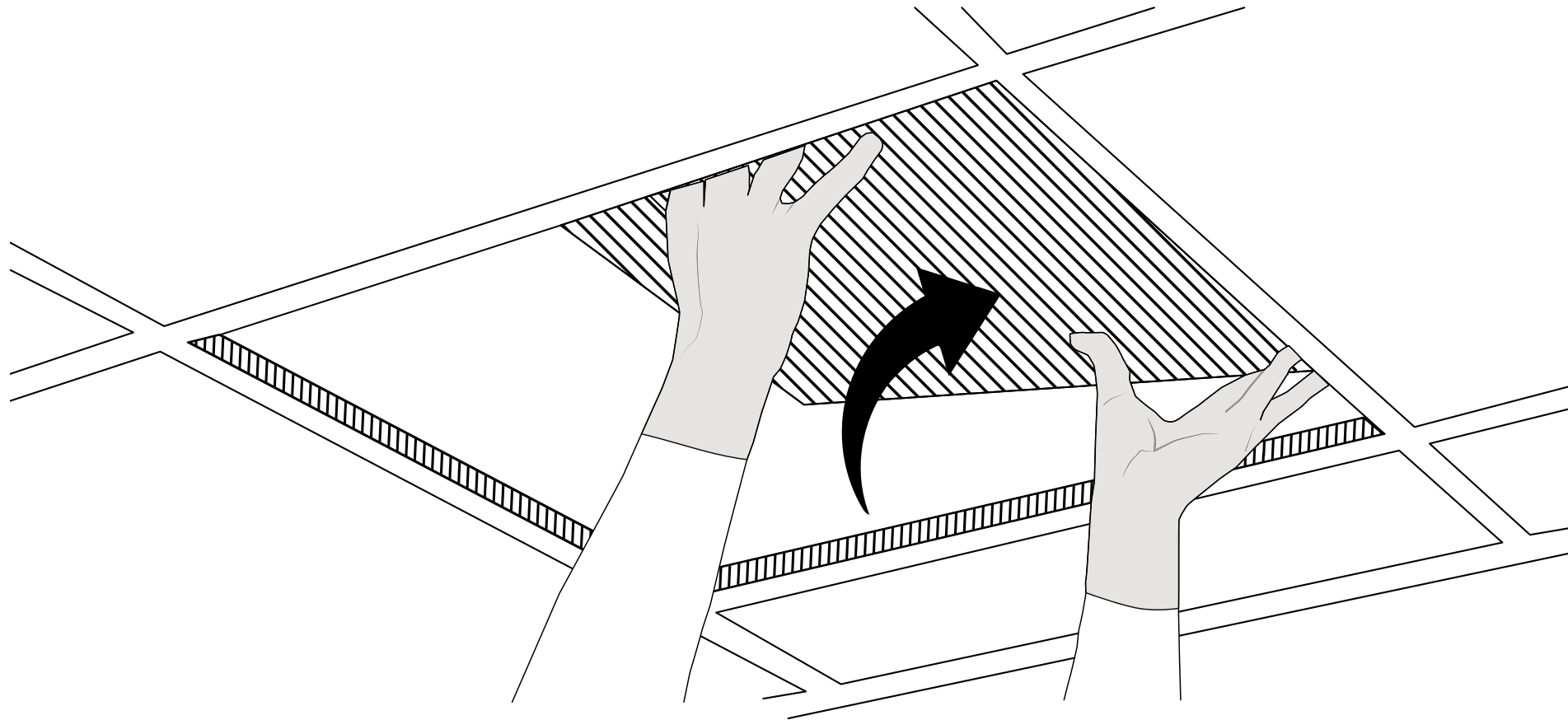
Light Reflectance Values (LRV), are a measure of the percentage of visible and usable light that is reflected from a surface when illuminated by a light source.

										
Peppercorn LRV - 8.50%	Currant LRV - 7.04%	Carrot LRV - 20.00%	Peach LRV - 29.00%	Flamingo LRV - 37.54%	Valentine LRV - 47.13%	Turmeric LRV - 29.59%	Popcorn LRV - 65.00%	Wheat LRV - 61.28%	Kale LRV - 4.50%	Oregano LRV - 8.80%
										
Thistle LRV - 13.00%	Sencha LRV - 34.15%	Celery LRV - 43.64%	Eucalyptus LRV - 17.98%	Wasabi LRV - 38.00%	Pistachio LRV - 30.00%	Midnight LRV - 3.50%	Flint LRV - 5.14%	Granite LRV - 6.40%	Denim LRV - 6.00%	Iris LRV - 10.50%
										
Peacock LRV - 19.00%	Azur LRV - 18.00%	Marine LRV - 25.00%	Periwinkle LRV - 36.00%	Sea Salt LRV - 28.56%	Shiraz LRV - 3.99%	Berry LRV - 12.00%	Lilac LRV - 39.00%	Piano Black LRV - 3.00%	Charcoal LRV - 5.46%	Slate LRV - 12.50%
										
Grey 27.00%	Metal LRV - 35.00%	Platinum LRV - 42.00%	Walnut LRV - 12.14%	Umber LRV - 20.35%	Amethyst LRV - 29.49%	Quartz LRV - 36.85%	Almond LRV - 53.64%	Ivory LRV - 40.00%	Pearl LRV - 54.00%	White LRV - 83.22%

# 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.