



# Full Color Ceiling Tiles

FilaSorb™ 12

acoufelt  
making quiet



# Product Detail

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Dimensions	595 x 595mm 595 x 1195mm Custom sizes available upon request
Thickness	12mm +/- 10%
Qty per carton	595 x 595mm – 8 595 x 1195mm – 4

# Guarantees

Warranty against defects	20 years*
Color fastness warranty	20 years*
*conditions apply	

# Technical Data

Fire rating	AS/ISO 9705.1, Group 1 ASTM E84-17a, Class A EN 13501-1: 2019, B-s1, d0
Indoor air quality	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017, ≤ 0.5mg/m³
Color fastness	ISO 105-B02, 6-7

# Sustainability



Made from 60% min.  
recycled content



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



Generated using  
40% solar energy



Recyclable at  
end-of-life



Total VOC's less than  
0.5 mg/m³ (3<sup>rd</sup> Party Verified)

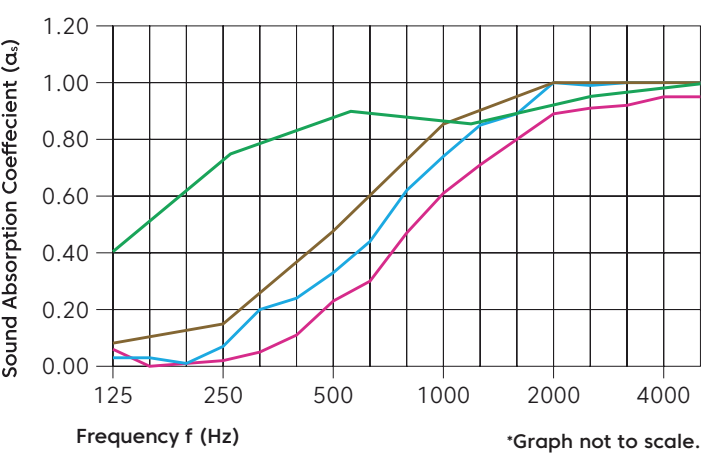


Phenol &  
formaldehyde free



# Acoustic Performance

Test method	ISO 354-2006
Results	NRC 0.45 (no air gap) NRC 0.54 (12mm air gap) NRC 0.64 (20mm air gap) NRC 0.85 (200mm air gap)

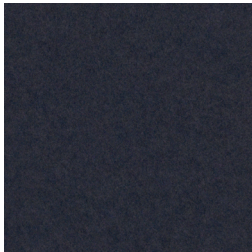



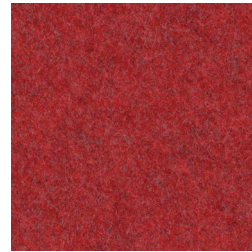

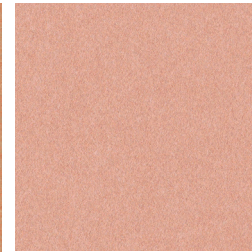
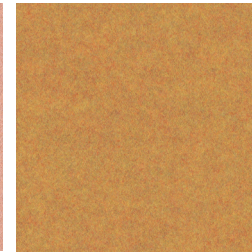
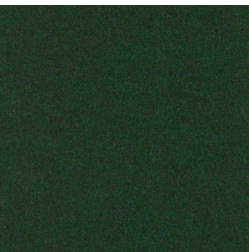

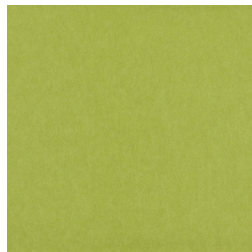
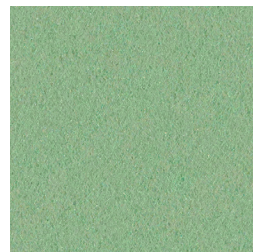
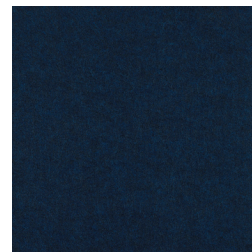
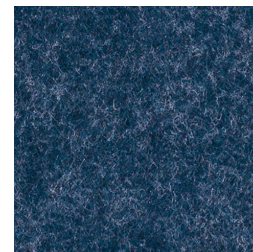
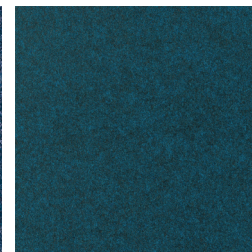
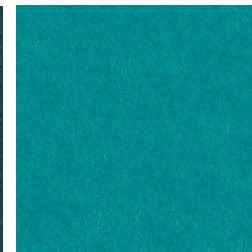
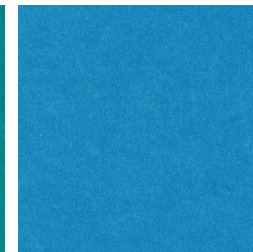
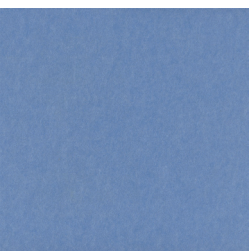
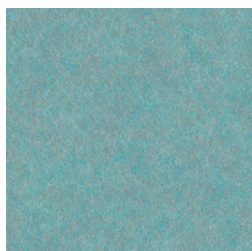


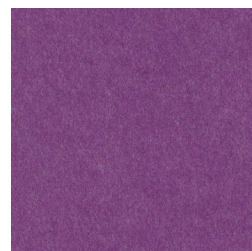
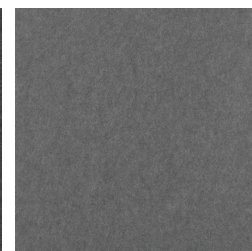


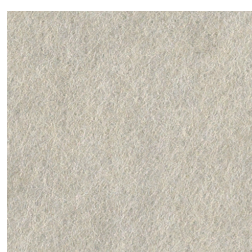


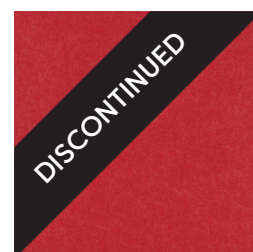
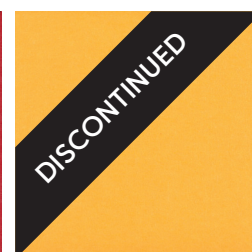


Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α <sub>s</sub> no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
α <sub>s</sub> 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
α <sub>s</sub> 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64
α <sub>s</sub> 200mm air gap	0.40	0.75	0.90	0.85	0.95	1.00	0.85



# 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.

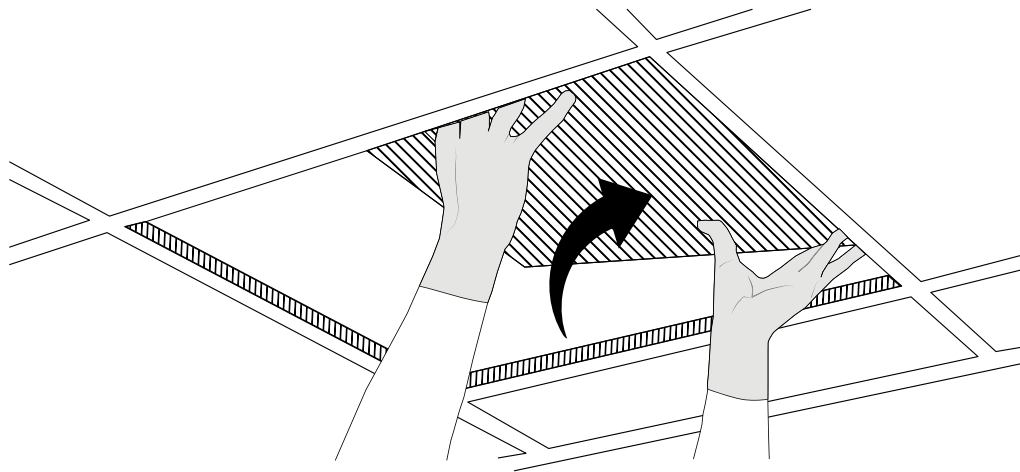
										
Celery LRV – 43.64%	Flint LRV – 5.14%	Shiraz LRV – 3.99%	Quartz LRV – 36.85%	Peppercorn LRV – 8.50%	Currant LRV – 7.04%	Carrot LRV – 20.00%	Peach LRV – 29.00%	Flamingo LRV – 37.54%	Turmeric LRV – 29.59%	Popcorn LRV – 65.00%
										
Kale LRV – 4.50%	Oregano LRV – 8.80%	Thistle LRV – 13.00%	Wasabi LRV – 38.00%	Sencha LRV – 34.15%	Pistachio LRV – 30.00%	Midnight Blue LRV – 3.50%	Granite LRV – 6.40%	Denim LRV – 6.00%	Peacock LRV – 19.00%	Azur LRV – 18.00%
										
Marine LRV – 25.00%	Periwinkle LRV – 36.00%	Sea Salt LRV – 28.56%	Lilac LRV – 39.00%	Iris LRV – 10.50%	Berry LRV – 12.00%	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%	Almond LRV – 53.64%	Ivory LVR – 40.00%	Pearl LRV – 54.00%	White LRV – 83.22%	Lipstick Red LRV – 12.50%	Butter LRV – 62.00%		



# 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.