


Beam Baffles


Specifications

Application	Ceiling
Material	FilaSorb™ polyester felt
Recycled content	60% min. rPET
Thickness	12mm +/- 10%
Weight	2400gsm
Dimensions	Width – 50, 76 & 102mm Custom size available upon request Length – 3000mm up to 5500mm (in 600mm increments) Height – 200mm up to 400mm (in 50mm increments)


Sustainability



Made from 60% min. recycled content



Material 'Take Back' program allows our product to be recycled



Acoustic Felt material is made with 30-40% solar energy*
*made in Thailand



Technical Data

Fire test method	AS ISO 9705:2033 <small>(according to AS 5637.7:2015 requirements)</small>
Group number SMOGR _{ARC} (in m2/s2 x 1000)	Group 1 0.93
Total VOC test method	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
Total VOC result	≤ 0.5mg/m ³
Colorfastness test method Rating	ISO 105-B02 6-7
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)

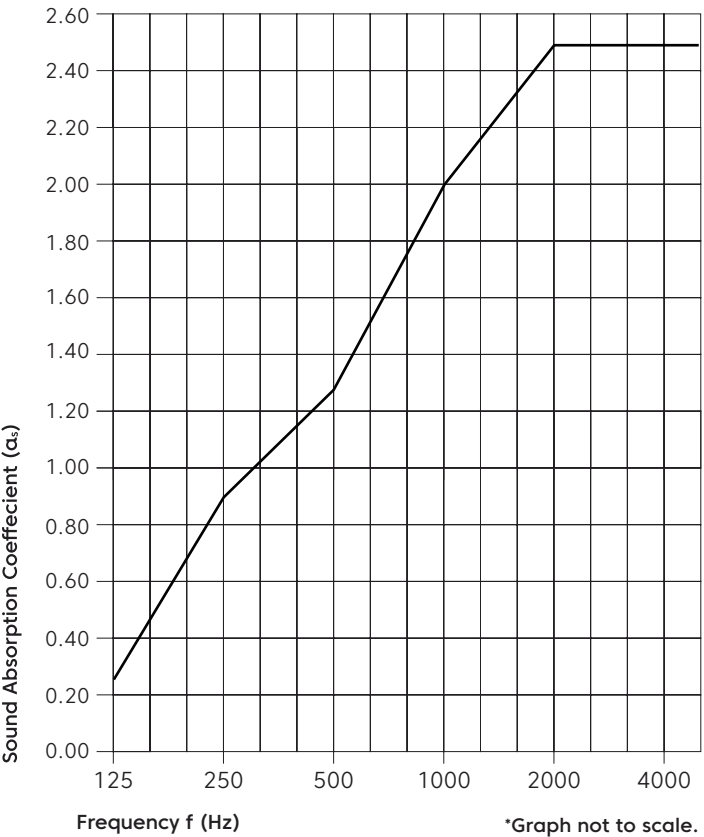
Details

Lead time	3-6 weeks
Origin	Australia
Warranty against defects	20 years*
Colorfastness warranty	20 years*

*conditions apply

Acoustic Performance

Test method	ASTM C423-17: Standard test method for sound absorption and sound absorption coefficients by the reverberation room method
Installation method	J-600. Sample tested 5 baffles each hanging 600m from the floor and 152mm from each other
Rating method	AS ISO 11654 -2002: Acoustics - rating of sound absorption - material and sytems
Test results	NRC 1.65 SAA 1.68



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
12mm	0.26	0.86	1.25	2.02	2.49	2.49	1.65

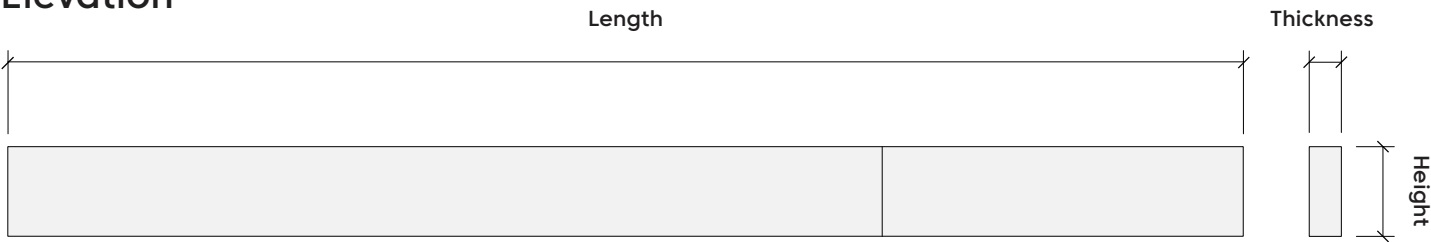
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation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

Beam Design

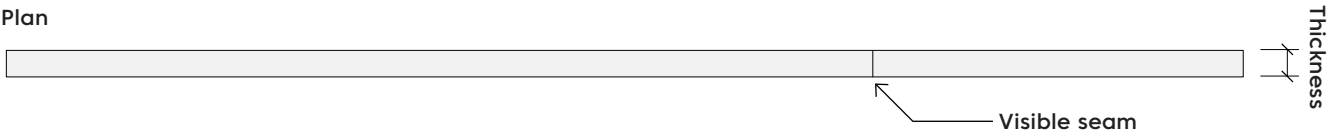
Sizes

Width	50, 76 & 102mm
Length	3000mm up to 5500mm (in 600mm increments)
Height	200mm up to 400mm (in 50mm increments)

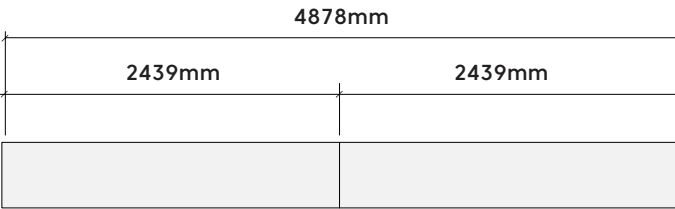
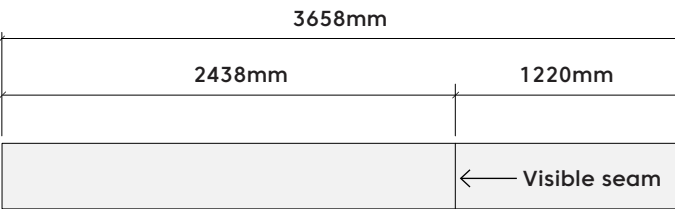
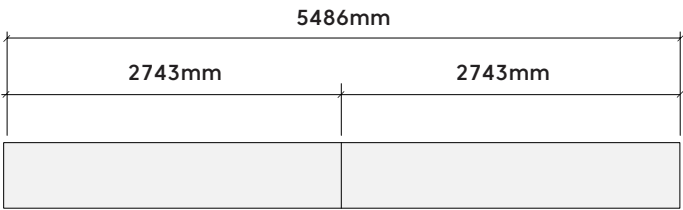
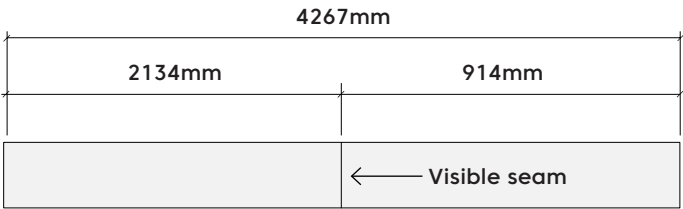
Elevation



Plan

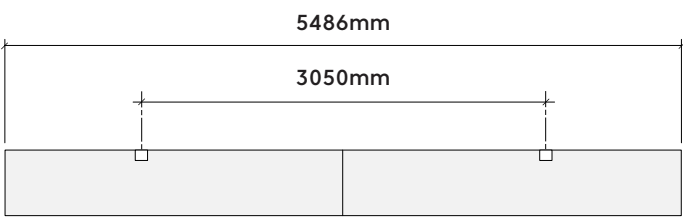


Visible Seam Spacing






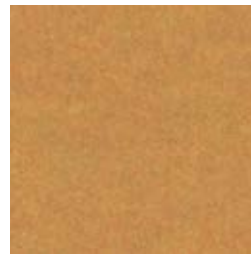
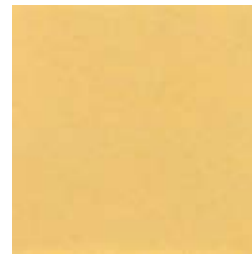
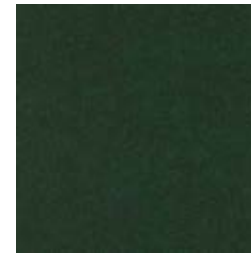



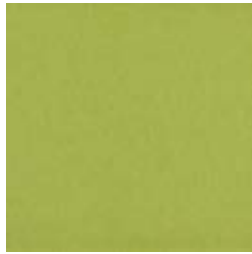


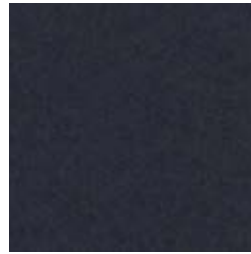
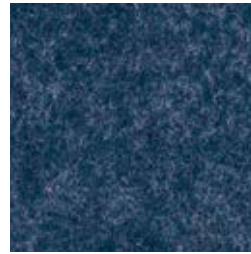

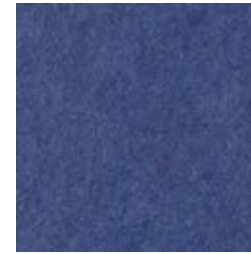






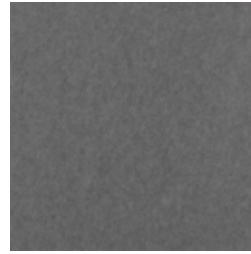








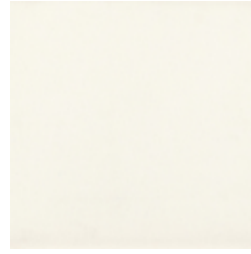


Hardware Spacing

3048mm	– 1830mm on centre spacing
3658mm	– 2440mm on centre spacing
4267mm	– 2440mm on centre spacing
4878mm	– 2440mm on centre spacing
5486mm	– 3050mm on centre spacing



FilaSorb™ Colorways

										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Iris IR10	Azur AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Walnut WA56
										
Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12	Milkyway MI74			

Can't find a color?
We are constantly updating our palette, which includes adding and discontinuing certain color lines. If you can't find the color you are looking for, please contact us with your color request, as we may still have stock available.

WoodBeQuiet™ Prints



Picket Fence
WQ01



Boat Shed
WQ02



Wine Barrel
WQ03



Log Cabin
WQ04



Barn Door
WQ05



Loft
WQ06



White Elm
WQ07



French Bobbin
WQ08



Charred Larch
WQ09



Boardwalk
WQ10



Antique Chest
WQ11



Baltic Birch
WQ12



White Oak
WQ13



Weathered Slate
WQ14



Nordic Plank
WQ15



Natural Oak
WQ16



European Larch
WQ17



Teak
WQ18



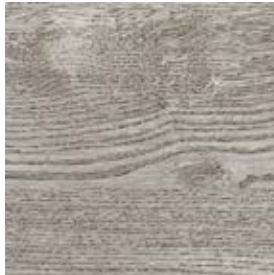
Fumed Oak
WQ19



Black Walnut
WQ20



Driftwood
WQ21



Woodland Fog
WQ22



Petrified Ash
WQ23



Mountain Lodge
WQ24



Mocha Legno
WQ25



Scorched Timber
WQ26



Espresso Oak
WQ27



Shadow Oak
WQ28



Knotty Spruce
WQ29



Lyed Larch
WQ30

Mounting Methods

