

acoufelt
making quiet

WoodBeQuiet™ Slat Panels

Specifications

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	2400gsm
Thickness	12mm +/- 10%
Dimensions	1200 x 2800mm Custom size available upon request

Sustainability

 Made from 60% min. recycled content

 Declare Red List Approved (3rd Party Verified)

 Generated using 40% solar energy

 Recyclable at end of lifespan

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



Technical Data

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

Details

Lead time	6-8 weeks
Origin	Australia
Warranty against defects	20 years*
Colorfastness warranty	20 years*

*conditions apply

Acoustic Performance

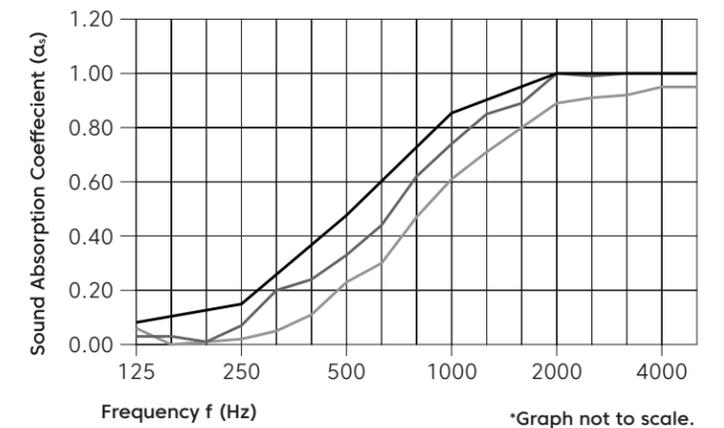
Test method AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room

Installation method A, tested with no air gap, 12mm air gap, 20mm air gap

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

Test results NRC 0.45 no air gap
NRC 0.54 12mm air gap
NRC 0.64 20mm air gap

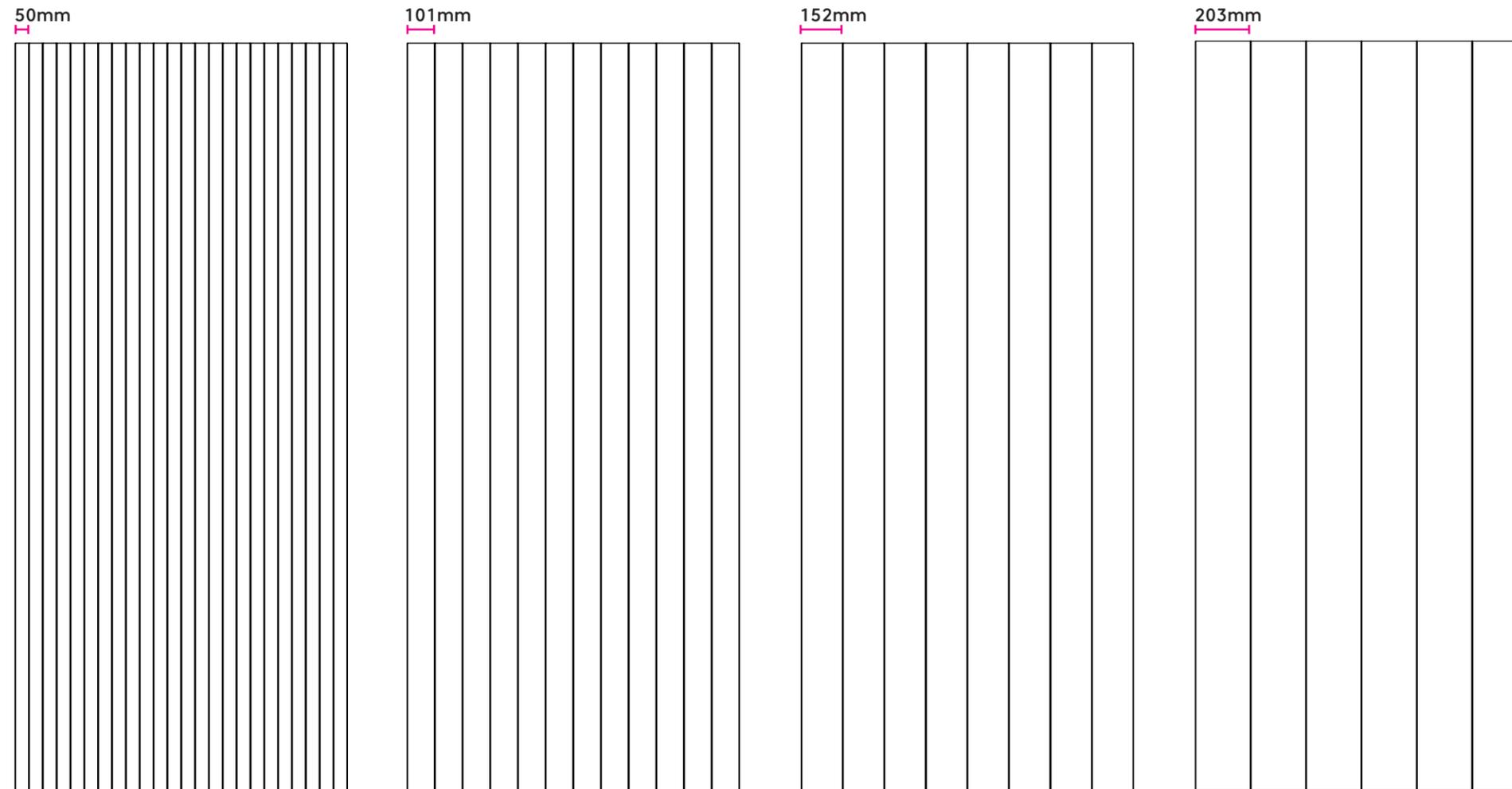
SAA 0.43 no air gap
SAA 0.54 12mm air gap



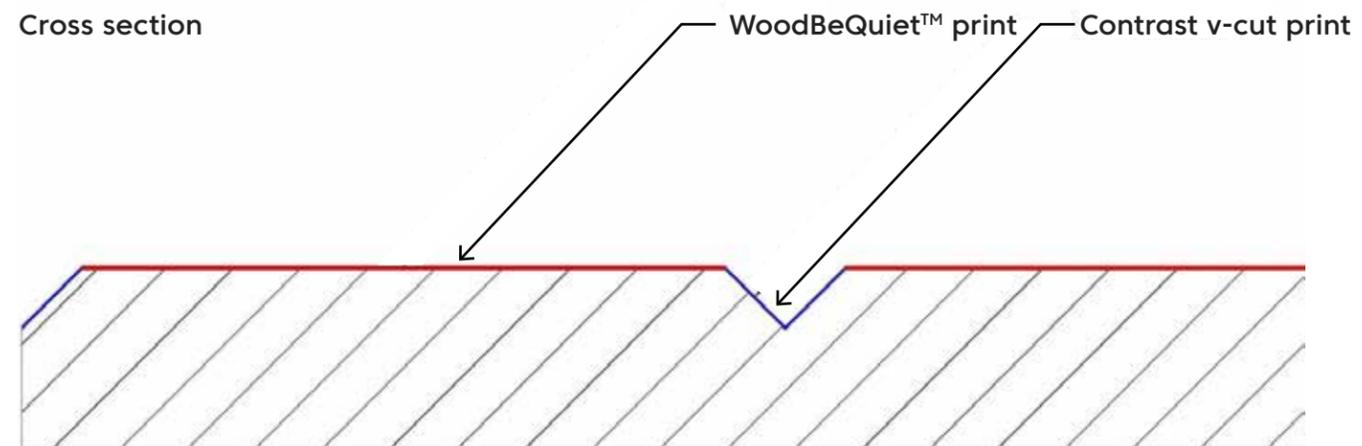
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α _s no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45
α _s 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54
α _s 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64

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

Designs



Cross section



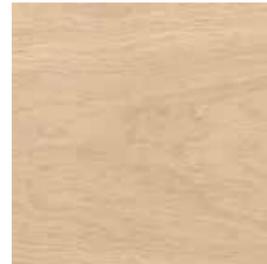
WoodBeQuiet™ Prints



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

Contrast V-cut Colorways



Black



Burnt Umber



Charcoal



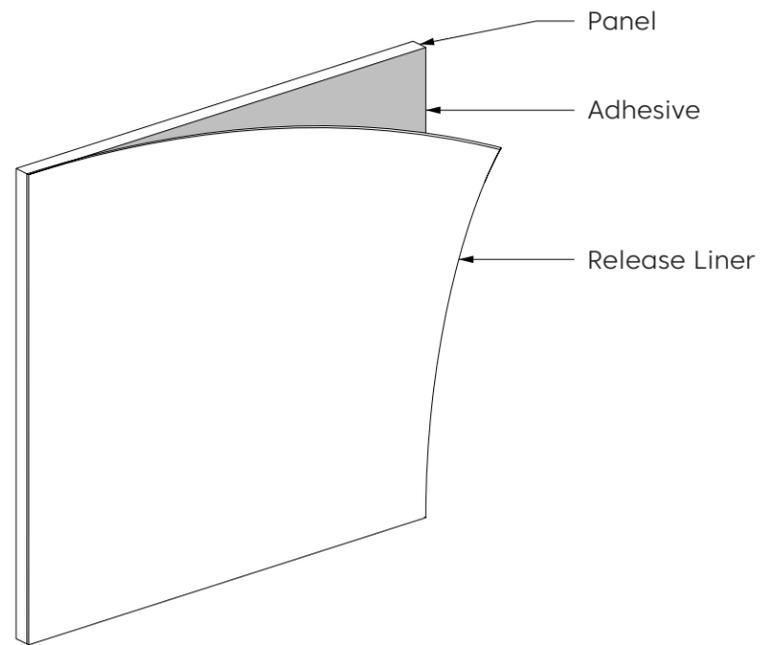
Dark Taupe



Deep Brown

Mounting Methods

Peel and Stick Backing



Construction Adhesive

