

WoodBeQuiet™ Slat Panels

Product Detail

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	EN 13501-1: 2019
Classification	B-s1, d0
Water vapour sorption method	ASTM C1104-2019 (Procedure A Modified)
Water sorbed by weight	0.20% (results based on a 12mm thick panel)
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	ISO 105-B02
Rating	6-7

Guarantees

Lead time	4-6 weeks
Origin	United Kingdom
Warranty against defects	20 years*
Colorfastness warranty	20 years* *conditions apply

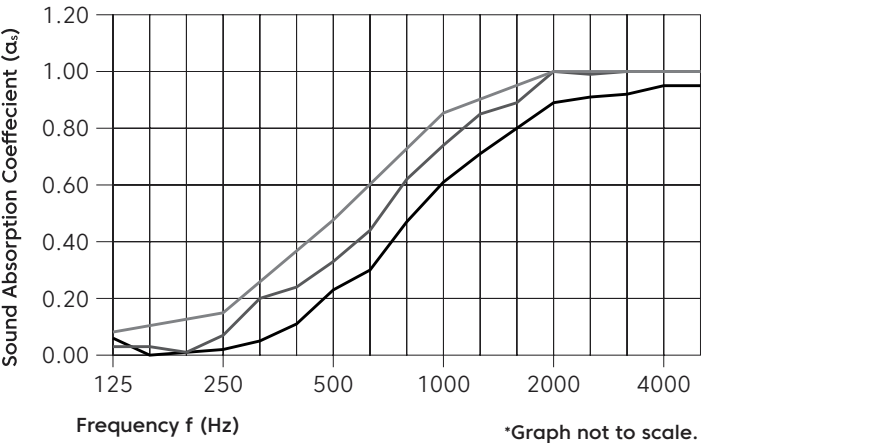
Acoustic Performance

Test method
ASTM C423-09a: Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

Installation method
Mounting method A

Rating method
AS ISO 11654 -2002: Acoustics - rating of sound absorption - material and sytems

Test results
no air gap - 0.45 NRC | 0.25 (H) aw, Class E
12mm air gap - 0.54 NRC | 0.35 (MH) aw, Class D
20mm air gap - 0.64 NRC | 0.40 (MH) aw, Class D

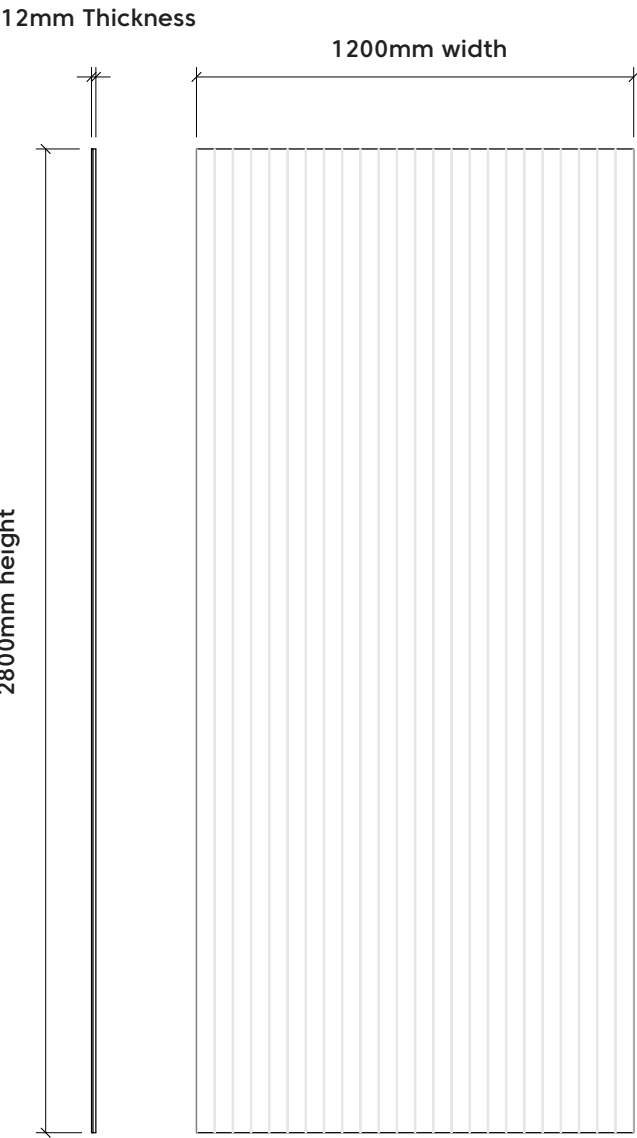


	Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
	12mm - αs no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45	Class E
	12mm - αs 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54	Class D
	12mm - αs 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64	Class D

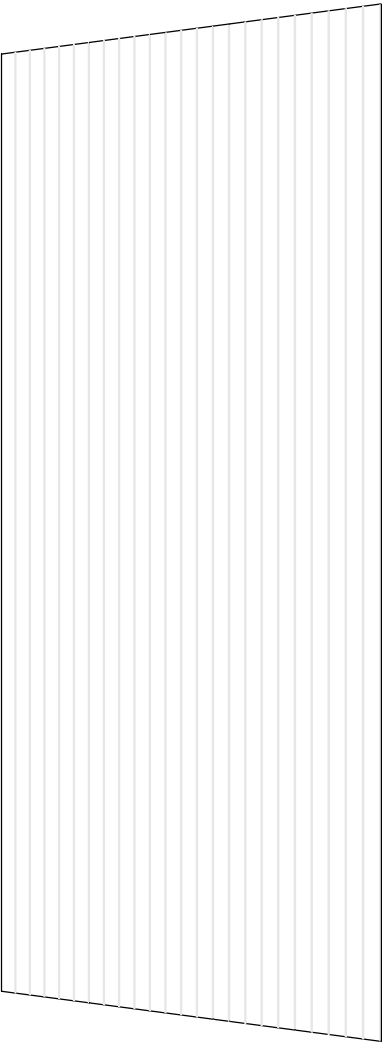
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation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

Design Profile

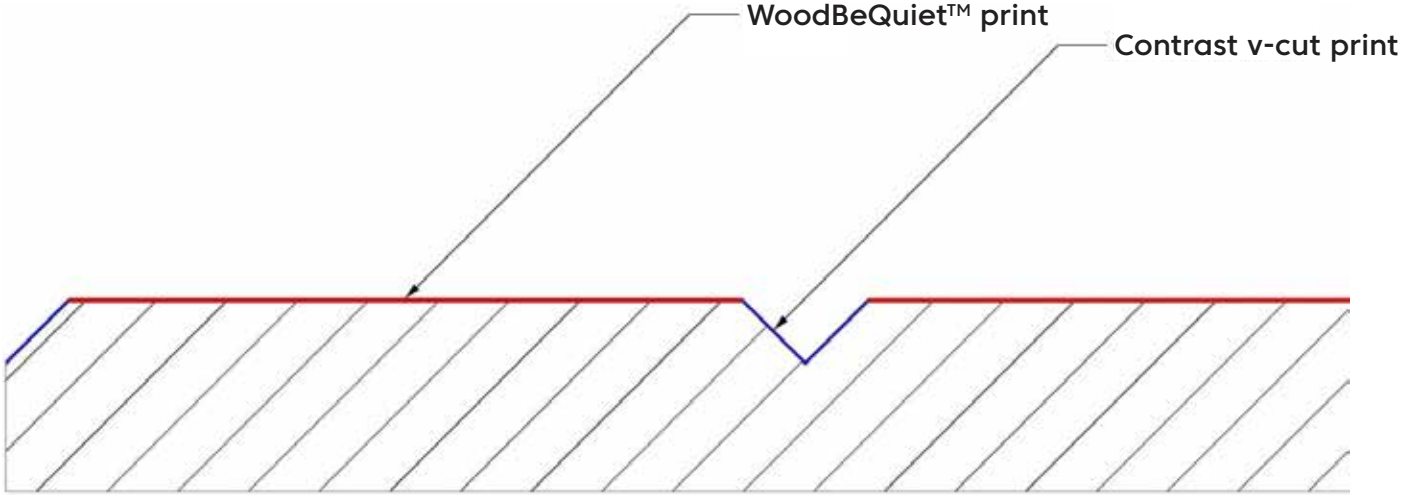
Elevation



Perspective

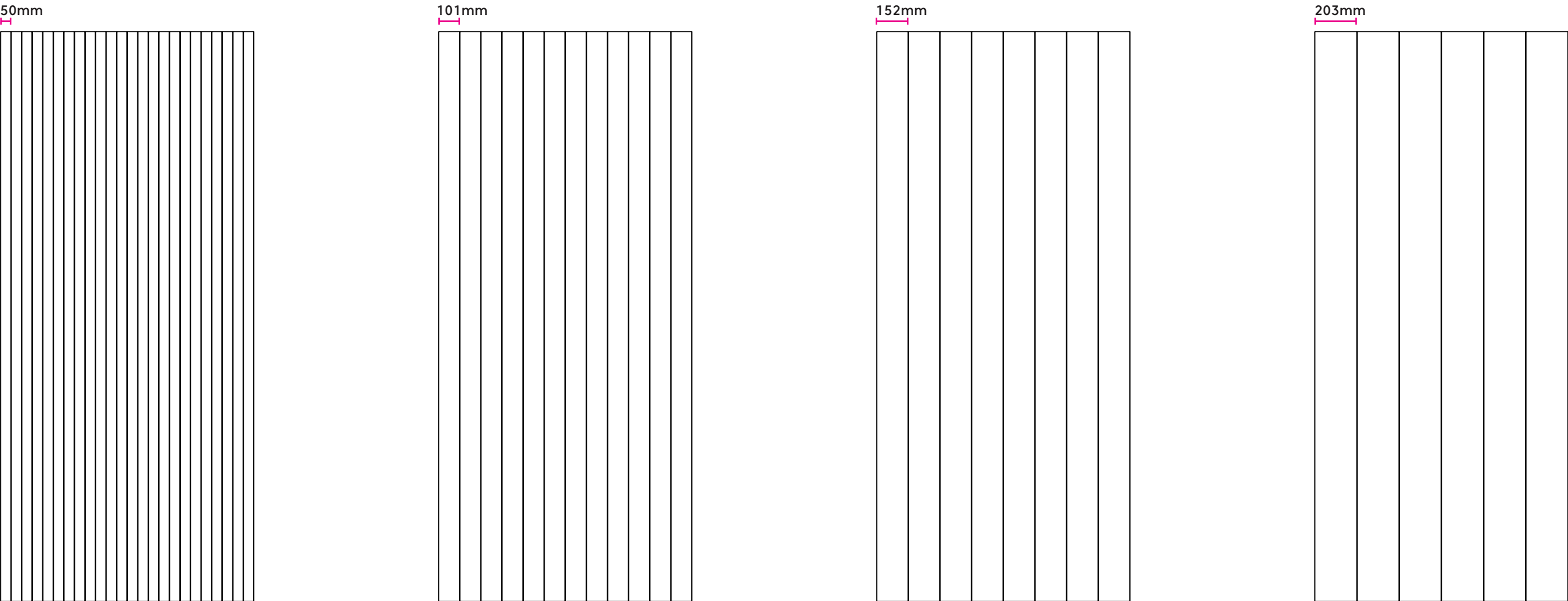


Cross section



Design

Slat Widths



WoodBeQuiet™ Colorways



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

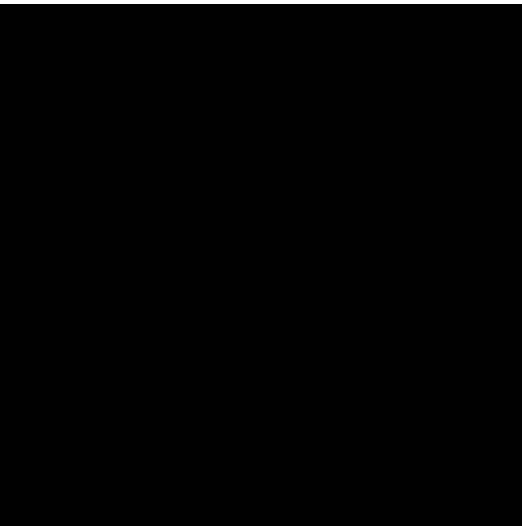


Knotty Spruce
WQ29



Lyed Larch
WQ30

Contrast V-cut Colorways



Black



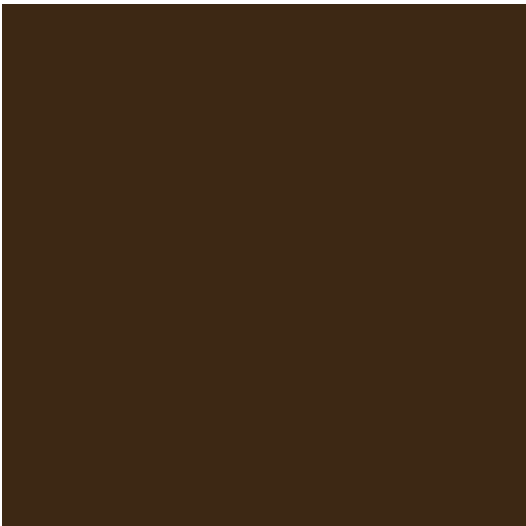
Burnt Umber



Charcoal



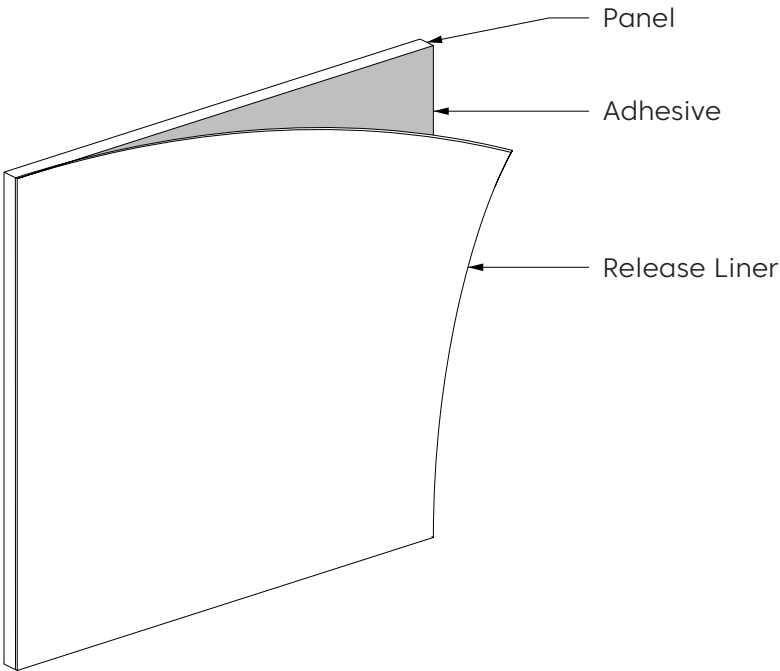
Dark Taupe



Deep Brown

Mounting Methods

Peel and Stick Backing



Construction Adhesive

