

dbGroove™ Acoustic Panel Series



X-frame Grooves. (Photographed by David Hensel. X-frame Booster XL, 2024)

Product Overview

dbGroove™ is a versatile customization tool that uses intricate angular cuts to pattern our range of decorative acoustic panels. These precision cuts not only add depth and texture, but also skilfully manipulate and refract light, transforming interior spaces with a nuanced touch.

Speedy install with our ReadyClip™ glue-free install system.

Endless customisation options.
Add print for a contrasting groove reveal.

Available in both our 12mm and 24mm Decosorb™ panels.
Bevelled edge for discreet panel joins.

Made locally.

Solid colour with smooth finish

dbGroove™ panels are light-weight and non-irritant, made from 100% Polyester Fibre. They can easily be cut on site or factory cut to size. Standard panel size 1200 x 2400mm, or can be custom sized to suit.

Applications

Residential Spaces:

Home Office
Lounge / Living Rooms
Kids Rooms
Play Rooms


Commercial Spaces:

Meeting Rooms
Learning / Training Spaces
Video Conferencing Rooms
Board Rooms
Office Pods
Reception Areas

Customisation

 Rebated edge

 Chamfered edge

 CNC cut

 V- Groove



Custom prints



Ready-Clip™ (Patent Pending)
Glue Free mounting system

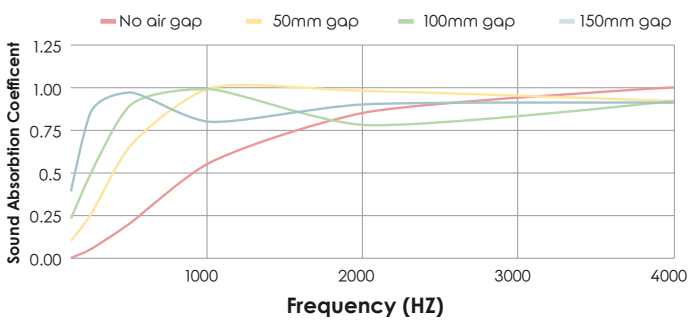
dbGroove™ Acoustic Panel Series



12mm

Acoustic Performance

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
No Air Gap	0	0.05	0.2	0.55	0.85	1	0.4
50mm gap	0.1	0.25	0.65	0.99	0.98	0.92	0.7
100mm gap	0.23	0.49	0.89	0.99	0.78	0.92	0.8
150mm gap	0.39	0.85	0.97	0.8	0.9	0.91	0.9

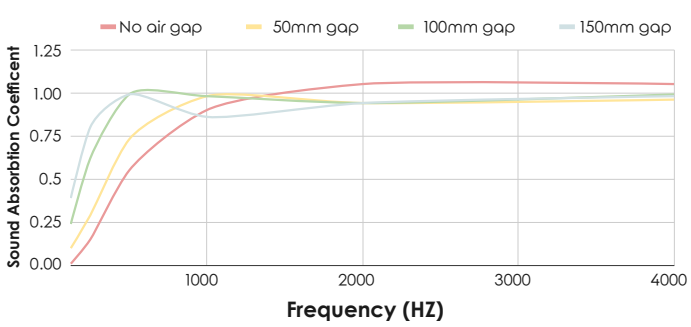


- NRC 0.4 - 0.65*
*With no air gap
- Ready-Clip™ (Patent Pending)
Glue Free mounting system
- Standard Thicknesses:
12mm, 24mm
- Standard Flat Edge
- Standard Sheet Size 1200 x 2400
Max. 1200 x 2500
- No loose fibres
- Density:
24mm: 3600 gsm
12mm: 2400 gsm
- Composition:
100% PET (up to 60% recycled content)
- Fire rating
12mm: EN 13501-1:2018: B - s1, d0
24mm: EN 13501-1:2018: B - s2, d0
- Manufactured in NZ
Non-Toxic, Non irritant
Glue Free, Low VOC
- Antibacterial
- Environmental:
Global Recycled Standard (GRS) 4.0
OEKO-TEX® Confidence In Textiles –
STANDARD 100. Tested for harmful
substances. Annex 6" Low VOC

24mm

Acoustic Performance

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
No Air Gap	0.01	0.15	0.55	0.9	1.05	1.05	0.65
50mm gap	1.0	0.29	0.73	0.98	0.94	0.96	0.75
100mm gap	0.24	0.62	0.99	0.98	0.94	0.99	0.85
150mm gap	0.39	0.8	0.99	0.86	0.94	0.98	0.9



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