

Decosorb™ Acoustic Panel Series



Product Overview

Decosorb™ is a light-weight but semi rigid acoustic panel made from 100% Polyester Fibre, specifically designed for functional acoustic clarity, reducing and controlling reverberated noise (echo) in interior spaces, with clean aesthetic.

Decosorb™ is incredibly versatile and highly durable. Available in a range of colour and thickness, it can be printed, grooved, folded, suspended, CNC profile cut, or simply clipped in place to either ceiling or wall, requiring no edging or capping. Decosorb™ truly offers designers a functional canvas for creativity.

Made from 60% recycled content and recyclable end-of-life Decosorb™ is a sustainably sound solution.

Solid Colour and smooth finish
Excellent acoustic performance
Customisable
Available with ReadyClip™ for glue-free installation.
Highly durable.

Applications

Commercial Spaces:

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

Residential Spaces:

Home Office
Lounge / Living Rooms
Kids Rooms
Play Rooms


Customisation

 Rebated edge

 Chamfered edge

 CNC cut

 V- Groove

 Custom prints

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

Decosorb™ Acoustic Panel Series



NRC 0.4 - 0.65*
*With no air gap

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

Standard Thicknesses:
12mm, 24mm

Standard Flat Edge

Sheet Size:
9mm, 24mm: 2440 x 1220
12mm: 1225 x 2800
max. 1200 x 2500 for groove and ready-clip

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



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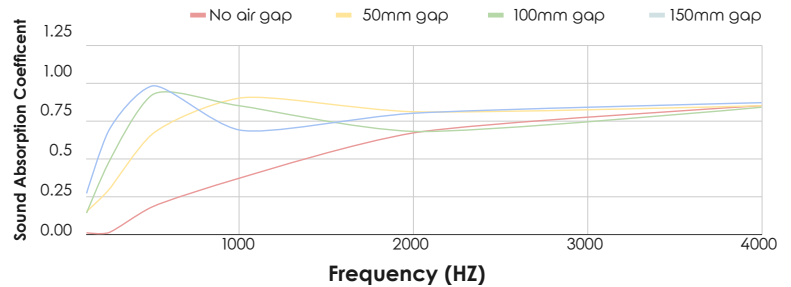
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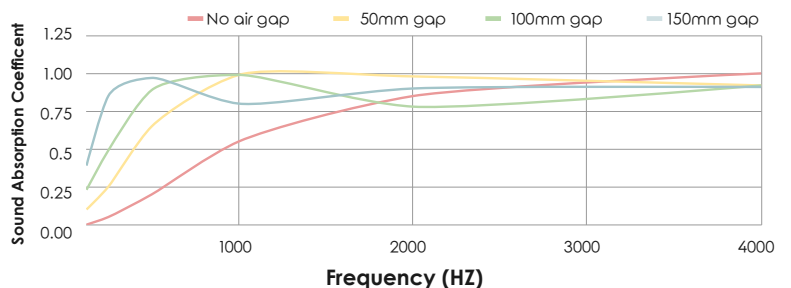
9mm Acoustic Performance

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
No Air Gap	0.01	0.01	0.18	0.37	0.67	0.85	0.3
50mm gap	0.15	0.29	0.66	0.9	0.81	0.85	0.65
100mm gap	0.14	0.47	0.92	0.85	0.68	0.84	0.75
150mm gap	0.27	0.68	0.98	0.69	0.8	0.87	0.8



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



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

