



Description

Acoustic Plus: Sound Absorbing Baffle Beam is a 50mm thick acoustical beam providing specialized sound absorption. Available in a variety of standard depths and lengths, Baffle Beam can also be custom manufactured to specific sizes and thicknesses and wrapped in fabric for decorative effect. These highly effective acoustic beams can be arranged in clusters to create feature ceilings or to target areas with particularly high levels of noise reverberation.

Ideal uses

- Cafes, Bars, Restaurants
- Open plan offices
- Boardrooms, Breakout areas
- Offices and call centres
- Art galleries

Acoustic Performance

The acoustic performance of this product material has been tested and measured by Auckland University Acoustic Services. 50mm thick panels provide NRC .95.

Sound Absorption - ASTM C423 ISO 354

NRC	frequency (Hz)	500	1000	2000	4000
Sound absorption coefficients		.95	.95	.95	.95

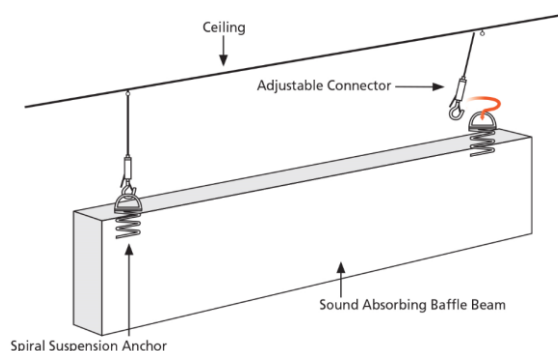
Example:

50mm x 300mm Beam @ 300mm centres, NRC 0.75

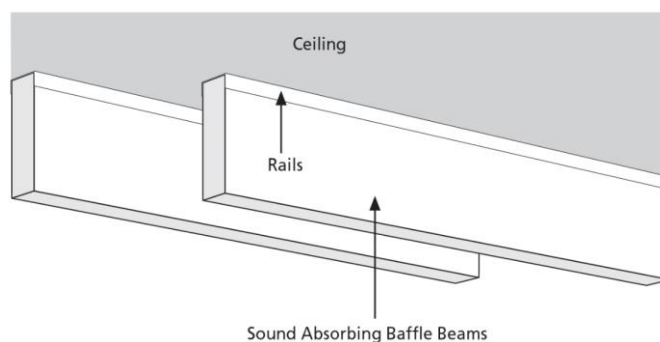
Installation options

Baffle Beams are designed to be free floating by suspending the beams using the supplied installation kits. Each kit consists of a wind in toggle, Chrome plated anchor and adjustable cable. Alternatively the beams can be direct fixed to the ceiling by friction and glue fitting into baffle channel and butt joined for continuous rows.

Suspended / Free floating

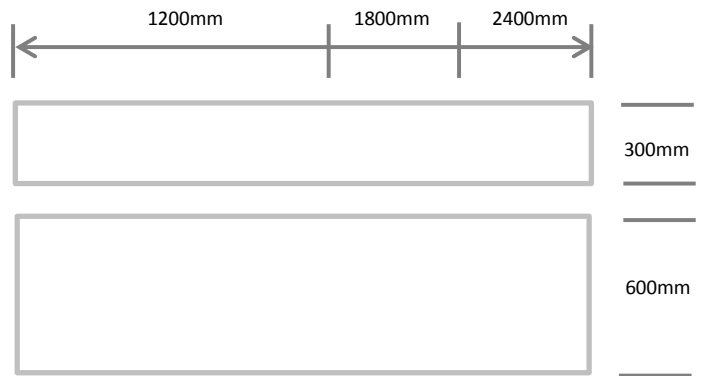


Direct fixed



Sizes

Product code	Dimension
APBB1230	1200 x 300 x 50mm
APBB1830	1800 x 300 x 50mm
APBB2430	2400 x 300 x 50mm
APBB1260	1200 x 600 x 50mm
APBB1860	1800 x 600 x 50mm
APBB2460	2400 x 600 x 50mm
APBBCHWT	Baffle Beam Channel 3600mm White
APBBCHBK	Baffle Beam Channel 3600mm Black
AC5100	Installation kit



Colours and Fabric options

Sound Absorbing Baffle Beams are supplied in white and Black as standard. Baffle Beams can also be wrapped in selected fabrics for decorative effect.

Ecoplus Systems work alongside leading fabric manufacturers to provide an almost endless range of colours and patterns. The following are a selection of available fabric brands;

- Autex
- Laine
- Textilia
- Vivid
- Warwick

Please contact us for more information about fabric suitability and the options available.



System Integration

Sound Absorbing Baffle Beams are part of the Acoustic Plus™ range of ceiling products. Integrate Baffle Beams with Cloud Panels, Dual Bloc or Sound Absorber ceiling tiles for a total project acoustic solution. All with a matching surface finish.

Specification - Available on Masterspec

Ecoplus Systems are a Masterspec product partner. Specification can also be downloaded from www.ecoplus-systems.com or by calling 0800 432 675

Composition

Acoustic Plus Baffle Beams are manufactured from a 100kg /m³, 50mm, glass fibre acoustic absorber finished with a composite glass mat acoustic facer.

Fire Classification

NZBC Group 1S BRANZ

Weight (example)

50mm x 300mm = 1.5 Kgs L/m

Installation

The building must be water tight and dry before installation commences. M/E fittings should be independently supported.

Maintenance and accessibility

Acoustic Plus Baffle Beams can be cleaned with a soft nozzle vacuum, soft brush or damp cloth. Panels are demountable.

Features	Benefits
Very high sound absorption - NRC 0.95 αw 0.95	Reduced background noise and reverberation
Multiple sizes and colour options	Enhanced design freedom
Meets Green Star emissions certification	Sustainable, helps achieve points toward Green Star fit-outs
Hygienic surface finish	Cleanable, resistant to mould and bacteria
Hardened edges	Prevents damage, maintains stability. No frames required
Easy installation - Fixing kits available	Can be retro fitted to existing spaces

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