



# Breeze

## Acoustic ceiling baffles

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Ceiling baffles are an ideal solution to managing reverberation across large open-plan spaces creating a more comfortable acoustic environment. The acoustic ceiling baffles are designed to be suspended vertically and come in a range of shapes, sizes and colours to suit any design and complement client branding allowing you to transform a ceiling.



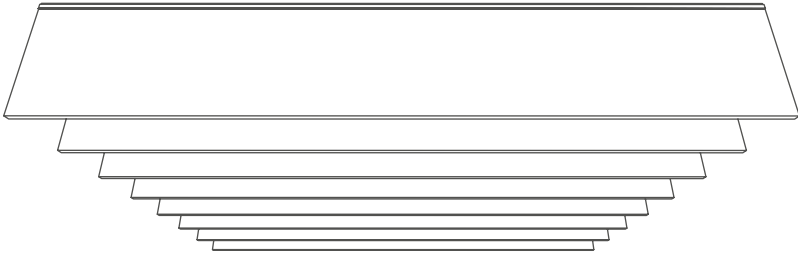
## Features

- ▶ Available in 12mm and 24mm thickness
- ▶ Bespoke options
- ▶ Made from 60% recycled PET
- ▶ No formaldehyde binders
- ▶ Low VOCs
- ▶ REACH: Pass
- ▶ Created in-house delivering fast lead times and complete creative control
- ▶ Exciting range of designs provides visual interest to ceilings
- ▶ Not affected by moisture, mould or mildew
- ▶ Lightweight for easy installation
- ▶ Comes with aluminium channels pre-fitted
- ▶ Easily retro-fitted to ceilings
- ▶ Fire Rating EN 13501-1:2007+a1:2009 - B, s1, d0 ASTM E84 -16 - Class A

## Straight

Comes with powder coated aluminium channel, suspension kits separate

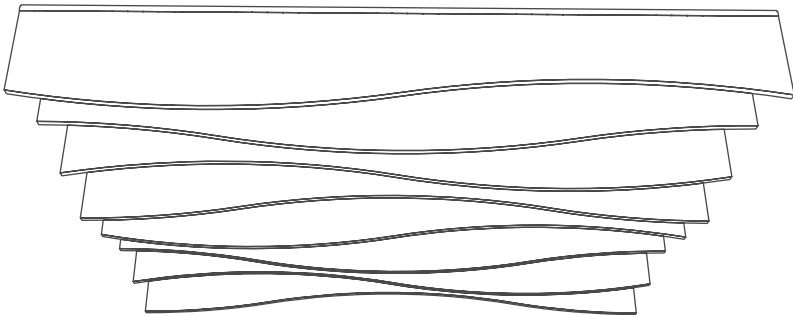
CODE	DESCRIPTION	DIMENSIONS (mm)	ORDER MULTIPLE
BRE1212	Suspended ceiling baffles, Straight	1200 x 300 x 12	8
BRE2412	Suspended ceiling baffles, Straight	2400 x 300 x 12	4
BRE1224	Suspended ceiling baffles, Straight	1200 x 300 x 24	8
BRE2424	Suspended ceiling baffles, Straight	2400 x 300 x 24	4



## Wavy

Comes with powder coated aluminium channel, suspension kits separate

CODE	DESCRIPTION	DIMENSIONS (mm)	ORDER MULTIPLE
BREW12	Suspended ceiling baffles, Wavy	2400 x 350 x 12	8
BREW24	Suspended ceiling baffles, Wavy	2400 x 350 x 24	8

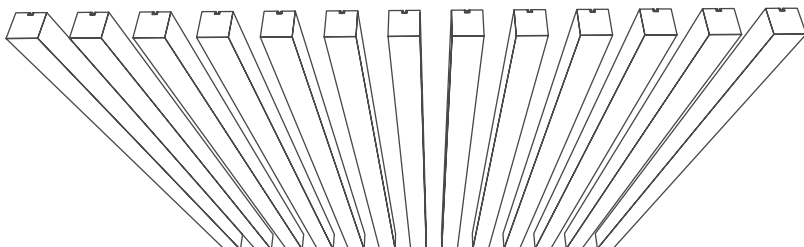
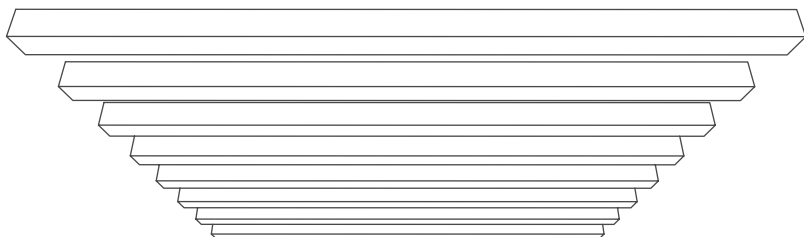




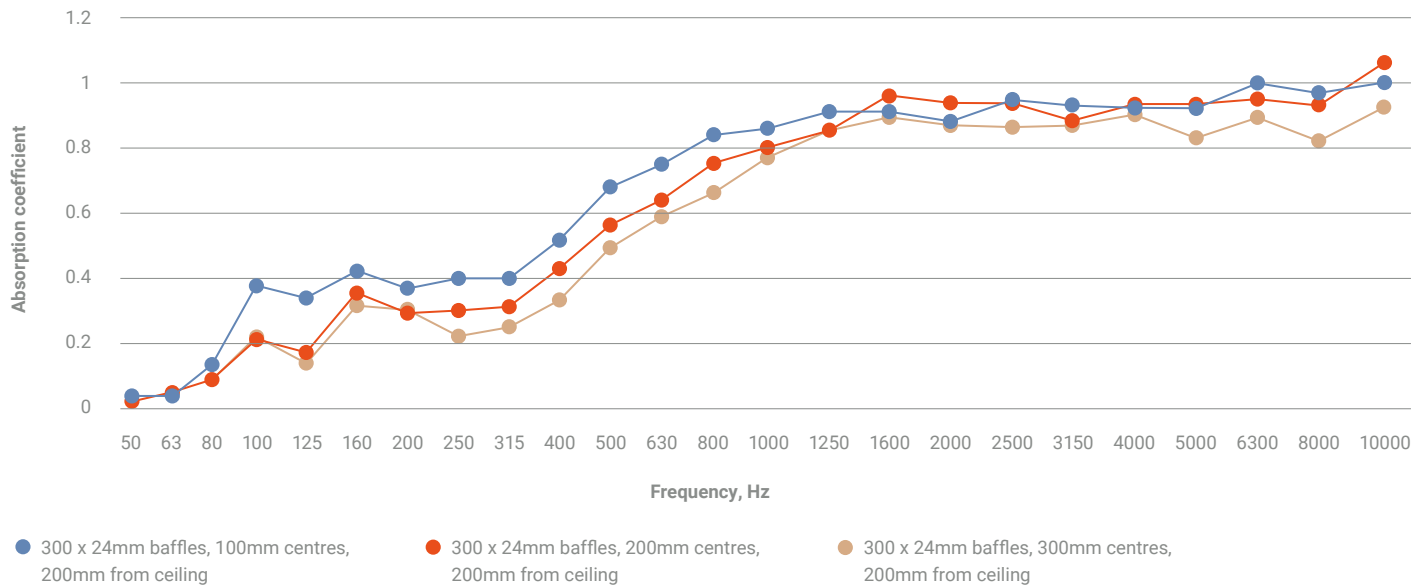
## Boxy

Comes with powder coated aluminium channel, suspension kits separate

CODE	DESCRIPTION	DIMENSIONS (mm)	ORDER MULTIPLE
BREB12	Suspended ceiling baffles, Boxy	1200 x 100 x 75	6
BREB16	Suspended ceiling baffles, Boxy	1600 x 100 x 75	3
BREB20	Suspended ceiling baffles, Boxy	2000 x 100 x 75	3
BREB24	Suspended ceiling baffles, Boxy	2400 x 100 x 75	3
BREB122	Suspended ceiling baffles, Boxy	1200 x 200 x 75	4
BREB162	Suspended ceiling baffles, Boxy	1600 x 200 x 75	2
BREB202	Suspended ceiling baffles, Boxy	2000 x 200 x 75	2
BREB242	Suspended ceiling baffles, Boxy	2400 x 200 x 75	2



### BREEZE ACOUSTIC CEILING BAFFLES 24MM SOUND ABSORPTION COEFFICIENT



### BREEZE ACOUSTIC CEILING BAFFLES 24MM SOUND ABSORPTION COEFFICIENT

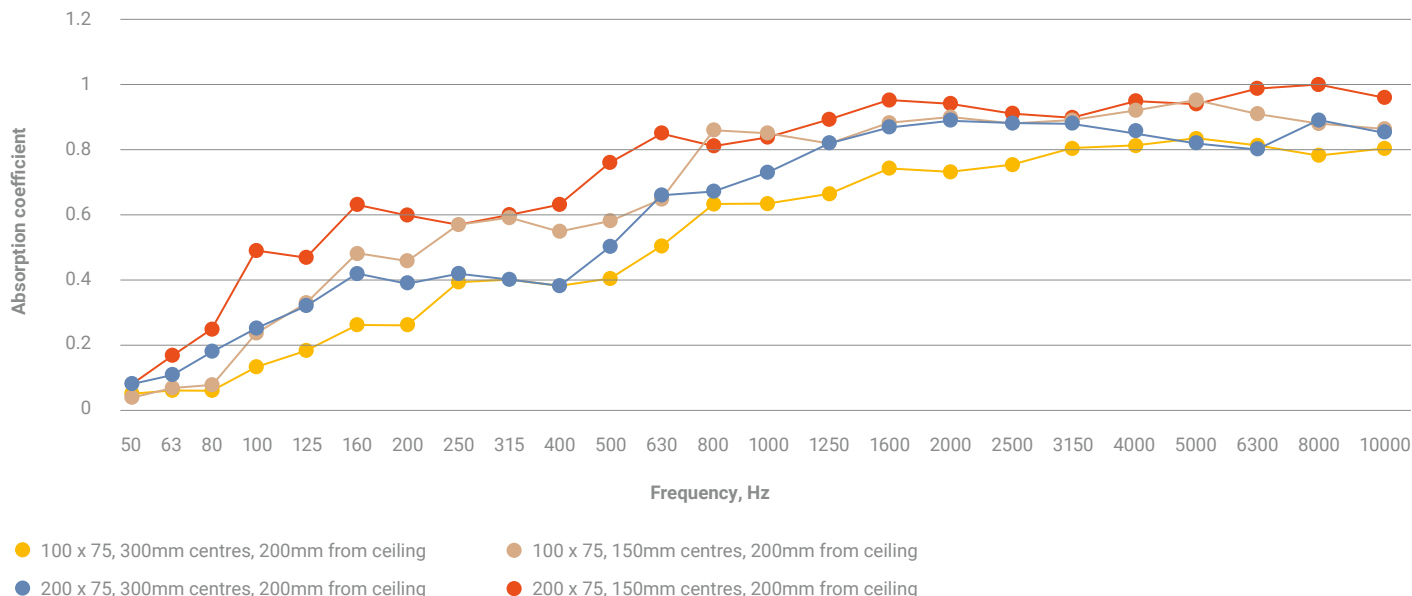
300 X 24MM BAFFLES,  
100MM CENTRES,  
200MM FROM CEILING

300 X 24MM BAFFLES,  
200MM CENTRES,  
200MM FROM CEILING

300 X 24MM BAFFLES,  
300MM CENTRES,  
200MM FROM CEILING

Freq Hz	Absorb Coeff $\alpha_s$	Absorb Coeff $\alpha_s$	Absorb Coeff $\alpha_s$
50	0.04	0.02	0.02
63	0.04	0.05	0.05
80	0.14	0.09	0.09
100	0.38	0.21	0.22
125	0.34	0.17	0.14
160	0.42	0.35	0.32
200	0.37	0.29	0.30
250	0.40	0.30	0.22
315	0.40	0.31	0.25
400	0.52	0.43	0.33
500	0.68	0.56	0.49
630	0.75	0.64	0.59
800	0.84	0.75	0.66
1000	0.86	0.80	0.77
1250	0.91	0.85	0.85
1600	0.91	0.96	0.89
2000	0.88	0.94	0.87
2500	0.95	0.94	0.86
3150	0.93	0.88	0.87
4000	0.92	0.93	0.90
5000	0.92	0.93	0.83
6300	1.00	0.95	0.89
8000	0.96	0.93	0.82
10000	1.00	1.06	0.89
NRC	0.70	0.65	0.60
Alpha w	0.65(H)	0.55(MH)	0.50(MH)
Class	C	D	D

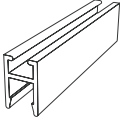
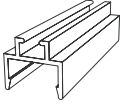
**BREEZE BOXY ACOUSTIC CEILING BAFFLES 12MM SOUND ABSORPTION COEFFICIENT**



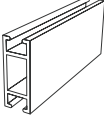
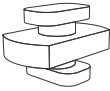
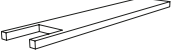
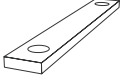
**BREEZE BOXY ACOUSTIC CEILING BAFFLES 12MM SOUND ABSORPTION COEFFICIENT**

	100 X 75MM, 300MM CENTRES, 200MM FROM CEILING	100 X 75MM, 150MM CENTRES, 200MM FROM CEILING	200 X 75MM, 300MM CENTRES, 200MM FROM CEILING	200 X 75MM, 150MM CENTRES, 200MM FROM CEILING
Freq Hz	Absorb Coeff $\alpha_s$	Absorb Coeff $\alpha_s$	Absorb Coeff $\alpha_s$	Absorb Coeff $\alpha_s$
50	0.05	0.04	0.08	0.08
63	0.06	0.07	0.11	0.17
80	0.06	0.08	0.18	0.25
100	0.13	0.24	0.25	0.49
125	0.18	0.33	0.32	0.47
160	0.26	0.48	0.42	0.63
200	0.26	0.46	0.39	0.60
250	0.39	0.57	0.42	0.57
315	0.40	0.59	0.40	0.60
400	0.38	0.55	0.38	0.63
500	0.40	0.58	0.50	0.76
630	0.50	0.65	0.66	0.85
800	0.63	0.86	0.67	0.81
1000	0.63	0.85	0.73	0.84
1250	0.66	0.82	0.82	0.89
1600	0.74	0.88	0.87	0.95
2000	0.73	0.90	0.89	0.94
2500	0.75	0.91	0.88	0.91
3150	0.80	0.89	0.88	0.90
4000	0.81	0.92	0.86	0.95
5000	0.83	0.95	0.82	0.94
6300	0.81	0.91	0.80	0.99
8000	0.78	0.88	0.89	1.00
10000	0.80	0.86	0.85	0.96
NRC	0.55	0.75	0.65	0.80
Alpha w	0.55(H)	0.70(H)	0.60(H)	0.80(H)
Class	D	C	C	B

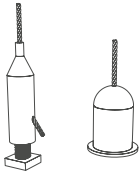
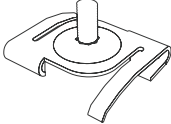
## System components and accessories

CODE	DESCRIPTION	DIMENSIONS (mm)	
-	Aluminium channel for 12mm felt included with each baffle	-	
-	Aluminium Channel for 24mm felt included with each baffle	-	

### ACCESSORIES TO BE ADDED DEPENDING ON SUSPENSION REQUIRED

CHANP-24*	Aluminium channel, primary/connection	2400	
CHANAC	Aluminium connector	-	
CHCOSP	Spanner for tightening connector	-	
CHANC	Channel connector (end to end)	-	

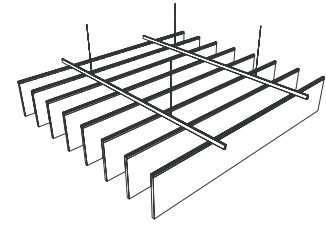
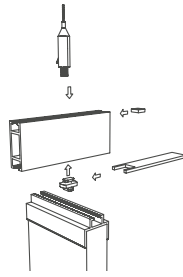
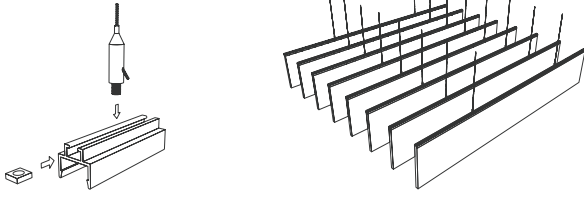
### SUSPENSION KITS

CODE	DESCRIPTION	DIMENSIONS (mm)	
SUSKIT	Suspension kits	2000 wire	
SUSCC	Ceiling grid clip	To fit 25mm ceiling grid	

\* Please add channel colour.

**INSTALLATION OPTIONS**

**A**  
Fix using suspension kits, each baffle is fixed independently to the ceiling



**Primary channel fix benefits**

**B**  
Primary channel fix, the primary channel is fixed to the ceiling with suspension kits and the baffles are connected to the primary channel using the small connector

- 1** Less fixings to the ceiling meaning ductwork and other equipment can be bridged
- 2** Less possibility of baffles moving due to breeze from air conditioning or open windows
- 3** Lighting can be fixed to primary channel

**Colours**



\* Please include the felt colour you require with your request.

**Aluminium channel colours**







# Breeze Acoustic Baffles Cleaning Guide

Our products are extremely durable and require little attention to maintain their good looks. Light dusting on a regular basis will prevent dust build up and most marks can be cleaned with a mild detergent solution followed by rinsing and blotting. Stains should be dealt with according to the chart below.

Before carrying out a proposed cleaning method, apply to a concealed section to ensure it will not affect the product or adhesive. Avoid cleaning methods that create severe abrasion. NB: Solvent and mineral based cleaners should be used sparingly to avoid possible degradation of the adhesive adhering the product to the substrate.

## Professional Cleaning Methods

Stain	Treatment Guide
Blood	A, C
Burn/Scorch Mark	K
Chewing Gum	I, B, D, C
Chocolate	B, D, C
Cooking Oils	B, D, C
Crayon/Colour Markers	B, D, C
Drinks	A, C
Dust/Dirt	Vacuum, then J or C
Excrement	B, C
Grass	C
Grease	B, D, C
Ink (ballpoint)	D, E
Ink (fountain)	A, C
Lipstick	B, E, C, D
Mildew	C
Milk	A, E
Mud	B, C
Nail Polish	A, G
Oil	B, D, C
Paint (water based)	A, F, C
Paint (oil based)	A, H, D, C
Sauces	B, C, D
Shoe Polish	B, C, D
Urine	A, C
Vomit	A, C, D
Wine	A, Add Salt, C

## Key

- A** Mop up excess as soon as possible with a sponge or cloth.

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- B** Remove surplus with a knife edge or appropriate instrument.

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- C** Sponge with a solution of carpet shampoo working from well outside the stain in a circular motion towards the centre (this avoids spreading the stain). Sponge afterwards with clean warm water and mop excess moisture with a clean dry cloth or sponge. Allow to dry then brush gently with a soft brush. If any stain remains, sponge with a solution of one part household bleach to six parts clear water. Thoroughly rinse after treatment.

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- D** Lightly sponge with household dry cleaning fluid and blot. Apply sparingly, as the substance may have an adverse effect on the adhesive.

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- E** Sponge with methylated spirits and blot dry.

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- F** Lubricate the stain with glycerine or petroleum jelly.

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- G** Apply nail polish remover. The nail polish remover should not include lanolin or be of a greasy nature.

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- H** Sponge with turpentine (or substitute).

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- I** Freeze with ice cubes and scrape away while cold.

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- J** Clean with regular extractive carpet cleaner (if possible).

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- K** Use circular cutter and remove damaged portion. Re-glue new piece into place.