

Inspiring Great Spaces®



SOUNDSCAPES® BAFFLES

Define your interior space with SOUNDSCAPES[®] Baffles, which feature a sleek, linear design combined with excellent sound absorption, making it the ideal solution for noisy environments.

BENEFITS

- Modern linear appearance
- High acoustic performance
- Cost effective and retrofittable
- Simple installation individually or in groups from PeakForm™ 24mm Grid
- Easy integration with mechanical services
- Custom sizes and colours
- Durable, high light reflective finish (std. white)

TYPICAL APPLICATIONS

- Education
- Transport
- Naturally lit areas with skylights
- Offices Leisure

PHYSICAL DATA

ltem nr.	Dimensions (mm)	Pieces / carton	Weight
CS 5133 WH	400 x 1200 x 40	2pcs/ctn	2.3 kg/panel
CS 5134 WH	400 x 1800 x 40	2pcs/ctn	3.5 kg/panel

Other sizes on request.

Maximum length: 2400mm (Nom)

Material:	Glass fibre substrate	
Surface Finish:	Durable scrim with factory applied paint	
Edge	Painted edges	
Colours	WH–Traffic White RAL9016 RAL colours available upon request	

Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837:1998 – Group 1

Humidity Resistance 95%

PERFORMANCE



SOUNDSCAPES® Baffles can significantly reduce background noise levels and reverberation times within spaces and enhance speech intelligibility. They provide absorption on all surfaces of the product either as a 'planar' absorber (α_{W}), when installed as a linear array; or as a 'discrete' absorber when installed as separate decorative elements.

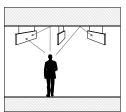
Acoustical Data - 1000 mm airspace

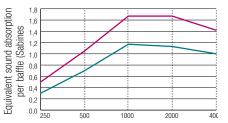
Dimensions	Sabines* per panel
 SOUNDSCAPES Baffles – 400 x 1200mm 	1.00
 SOUNDSCAPES Baffles – 400 x 1800mm 	1.45

* Average of 500-4000Hz, laboratory measurements with units suspended at 1000mm (depth) and at 2000mm (min.) centres in accordance with EN ISO 354:2003. Contact the Armstrong Ceiling Solutions Service Centre for further acoustic and performance information.

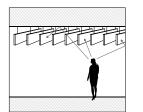
Acoustical Data - 1000 mm total depth (600 mm Void)

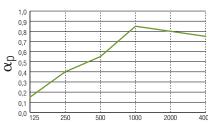
Dimension	$\alpha_{w/NRC}$	
 SOUNDSCAPES Baffles 400mm (450mm centres) 	0.60(MH)/0.65	





Discrete absorption



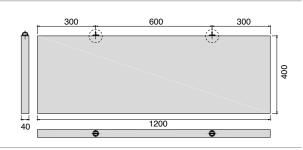


Planar absorption

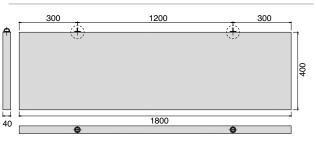
Acoustic Solutions	No Treatment	SOUNDSCAPES Baffles: 1200 x 400 x 40mm	
	Exposed Structure	190 Baffles (Discrete absorbers): 19 rows of 10 Baffles (rows at 2m centres)	Recycled
Reverberation Time (sec)	3.4	1.2	
RT improvement (%)	ref	65%	_
Sound Level Reduction (dB)	ref	-3 dB	
Sound Absorption in Sabines (metric) for Coverage Area	ref	190 Baffles @ 1.00 Sabin/Baffle = 190 Sabines	Light Reflectan

Dimensions

Panel Item CS5133: 400 x 1200 x 40mm



Panel Item CS5134: 400 x 1800 x 40mm

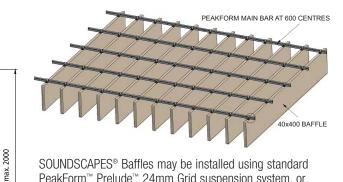


Notes: 450m² Space: Exposed Structure (15m x 30m), 4.5m to deck, drywall with windows on two sides, commercial carpet

INSTALLATION AND ACCESSORIES



Item	Description	
PT18MM	Spiral Anchor Clips	
SBPF	Saddle Bracket	
BPCS5135A Hanging Kit (Ordered separately)		
	Includes – Aircraft cables (4), Adjustors (4) and Gripper Hooks (4)	
	Note: 1 Hanging Kit required for 2 Baffles	



SOUNDSCAPES® Baffles may be installed using standard PeakForm[™] Prelude[™] 24mm Grid suspension system, or hung individually from the soffit using Hanging Kits.

Integrated Spiral Anchor Clips are factory fitted for easy alignment and installation.

Please refer to the Installation Guide for more details.

Note: Do not butt Baffles end to end, but ensure a minimum gap of 50mm.

CONTACT



green building council australia

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