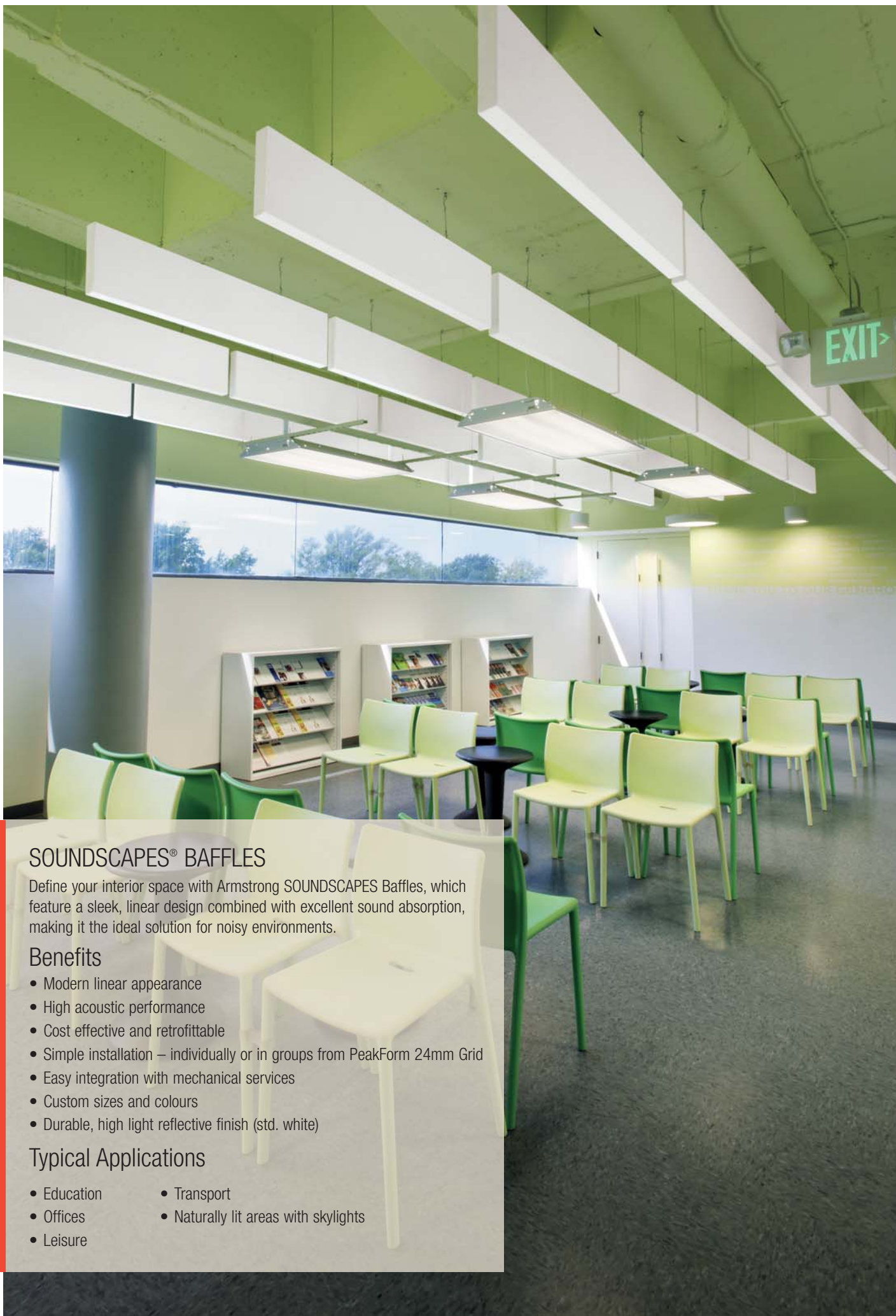




SOUNDSCAPES® BAFFLES

Inspiring Great Spaces™

Armstrong®
CEILING SYSTEMS



SOUNDSCAPES® BAFFLES

Define your interior space with Armstrong 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
- Offices
- Leisure
- Transport
- Naturally lit areas with skylights

PHYSICAL DATA

Item 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	<div>  <p>WH-Traffic White RAL9016</p> </div> <div>  <p>RAL colours available upon request</p> </div>



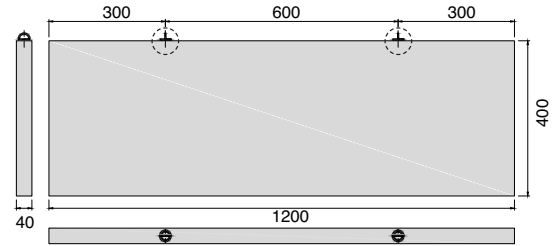
Conforms with BCA Spec.
C1.10 and tested to AS/NZS
3837:1998 – Group 1



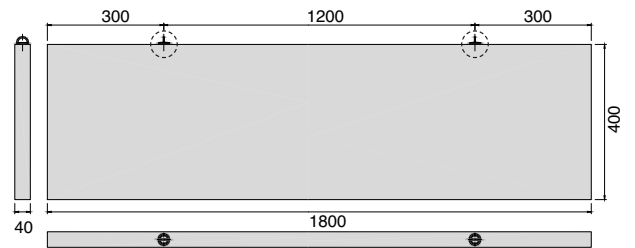
Humidity
Resistance
95%

Dimensions

Panel Item CS5133: 400 x 1200 x 40mm



Panel Item CS5134: 400 x 1800 x 40mm



PERFORMANCE



Sound
Absorption
EN ISO 354 &
EN ISO 11654

Armstrong 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.

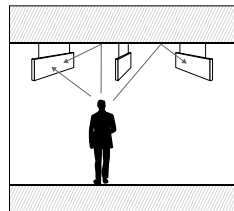
Acoustical Data – 1000 mm airspace

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

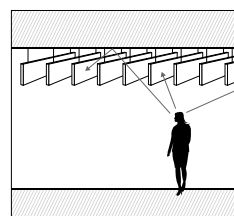
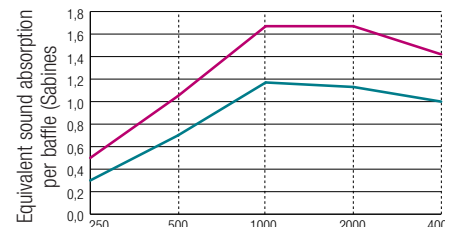
* Average of 500-4000Hz, laboratory measurements with units suspended at 1000mm (depth) and at 2000mm (min.) centres in accordance with EN ISO 354:2003. Contact the Armstrong Technical Sales team for further acoustic and performance information.

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

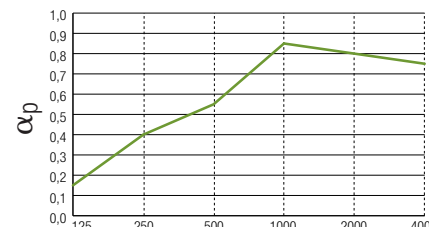
Dimension	α_w /NRC
● SOUNDSCAPES Baffles 400mm (450mm centres)	0.60(MH)/0.65



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)
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

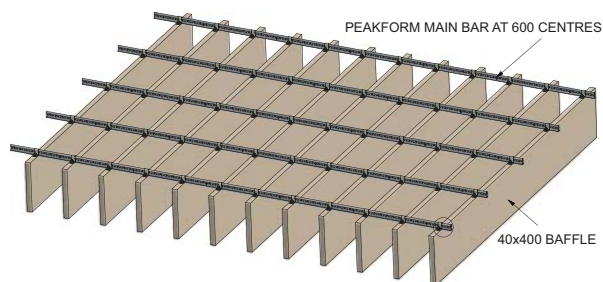
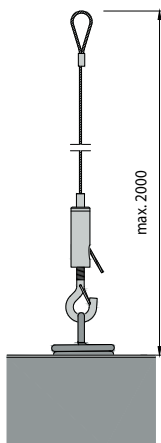
Notes: 450m² Space: Exposed Structure (15m x 30m), 4.5m to deck, drywall with windows on two sides, commercial carpet



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



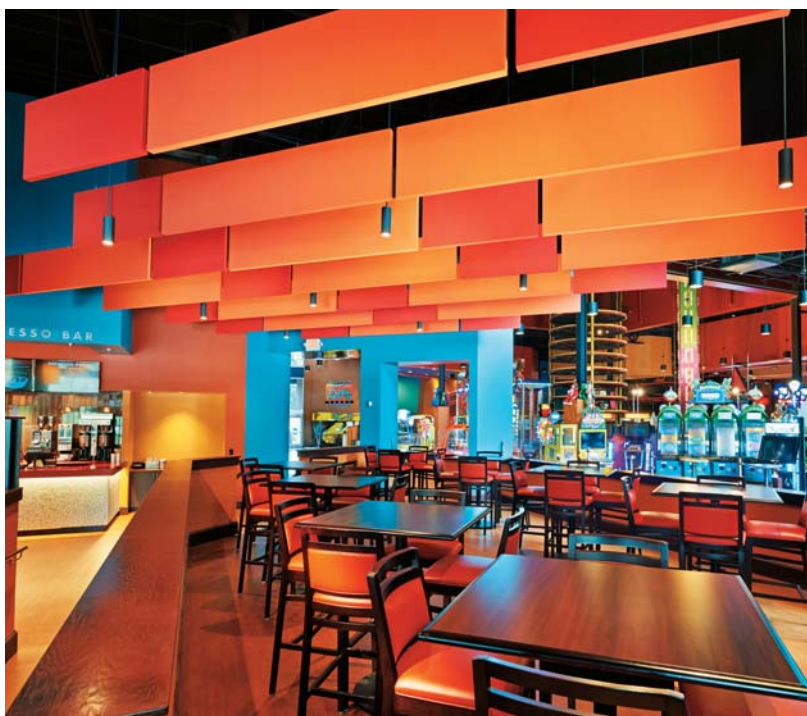
SOUNDSCAPES Baffles may be installed using standard PeakForm Prelude 24mm Grid suspension system, or hung individually from the soffit using Hanging Kits.

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.

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learn more about our
SOUNDSCAPES Baffles

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MEMBER 2009-2010

Printed on Maine Recycled Silk paper

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AWP1014

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