

SoundScapes[®] Baffles Curves

Armstrong[®]
CEILING SOLUTIONS

Now available in Wood Effects
and RAL Colours



SOUNDSCAPES[®]

SOUNDSCAPES® Baffles Curves

With SOUNDSCAPES Baffles Curves, you can now create exciting interiors without compromising acoustic performance.

Get all the benefits of traditional rectangular baffles, with a unique waveform edge that creates a fresh and calming visual.

Benefits

- Fresh and innovative visual
- The ideal solution for noisy environments
- Cost effective and retrofittable
- Simple installation – individually or in groups from PeakForm™ 24mm Grid
- Easy integration with mechanical services
- Custom colours available including Wood Effects
- Durable, high light reflective finish (standard white)
- High acoustic performance

Typical Applications

- Education
- Offices
- Leisure
- Transport
- Large spaces with exposed soffits

Wood Effects: Refer to back page for selection considerations and the “SOUNDSCAPES Finishes” Brochure for larger images.



American Oak

Curly Birch

Walnut

Casuarina

Western Red Cedar

Jarra

Spotted Gum

Kwila

RAL Colours Available (sample only). For a full list of RAL Colours, refer to the “SOUNDSCAPES Finishes” Brochure.



Physical data

Item nr.	Dimensions (mm)	Pieces / carton	Weight
CS5163WH	1200 x 400 x 40	2pcs/ctn	2.3 kg/panel
CS5164WH	1800 x 400 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 Details:	Wood Effects to match panel face
Colours:	Refer to "Wood Effects and RAL Colour Palette Chart" for details



Traffic White
RAL9016



Wood Effects



RAL colours
available upon
request



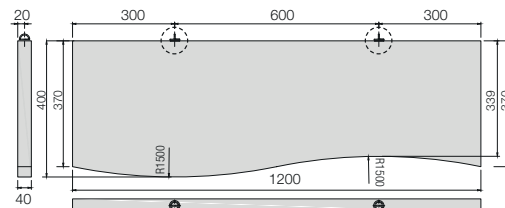
Conforms with NCC
Spec. C1.10 as tested
to AS 5637.1:2015 –
Group 1, and ISO 5660
– Group 1 – S



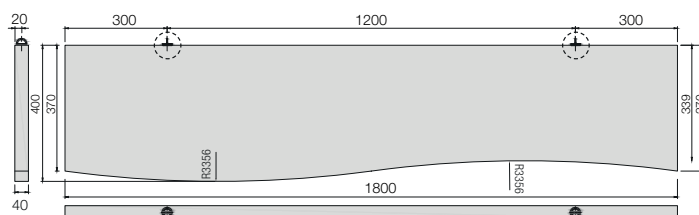
Humidity
Resistance
95%

Dimensions (mm)

Panel Item CS5163WH: 1200 x 400 x 40mm



Panel Item CS5134: 400 x 1800 x 40mm



Performance



Sound Absorption
EN ISO 354 & EN ISO
11654

SOUNDSCAPES® Baffles Curves 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 (aw), when installed as a linear array; or as a 'discrete' absorber when installed as separate decorative elements

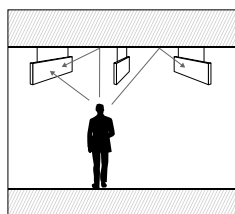
Acoustical Data – 1000 mm airspace

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

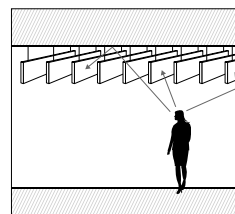
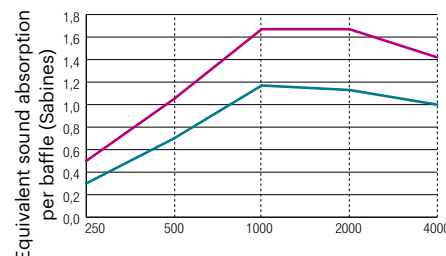
* Average of 500-4000Hz, laboratory measurements with units suspended at 1000mm (depth) and at 2000mm (min.) centres in accordance with EN ISO 354:2003. Contact the Armstrong Ceiling Solutions Service Centre for further acoustic and performance information.

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

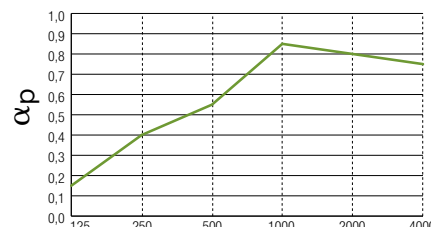
Dimension	α_w /NRC
• SOUNDSCAPES Baffles Curves 400mm (450mm centres)	0.60(MH)/0.65



Discrete absorption



Planar absorption



Acoustic Solutions	No Treatment	SOUNDSCAPES Baffles Curves: 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



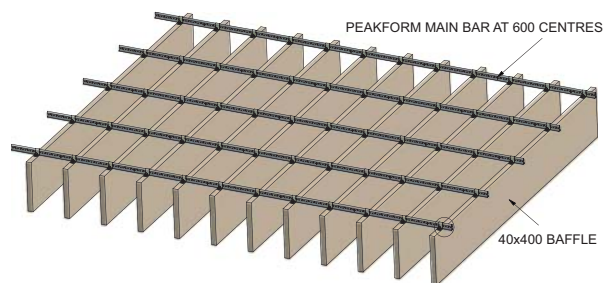
Recycled
Content



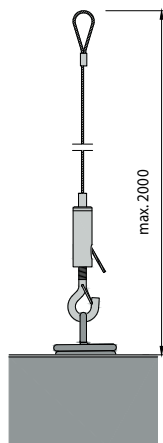
Light
Reflectance



Installation and Accessories



Item	Description
BPCS5135A	Hanging Kit (Ordered separately) Includes – Aircraft cables (4), Adjustors (4) and Gripper Hooks (4) Note: 1 Hanging Kit required for 2 Baffles
BPCS5135A	Baffle Group Hanging Kit (for Prelude Grid – Ordered separately) Includes: Tee Bar Hanger Clips (8) and Carabiners (4) Hanging Kit required for 2 Baffles



SOUNDSCAPES® Baffles Curves 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.



Wood Effects selection considerations

1. Wood Effects finishes above are indicative only and may vary from the actual product.
2. Wood Effects finishes are not recommended in areas where there are high levels of critical or glancing light.
3. Wood Effects finishes closely simulate a natural timber appearance and a variation can be expected in the wood pattern and shade between adjacent panels.

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