

SoundScapes[®] Baffles

Armstrong[®]
CEILING SOLUTIONS

Now available in Wood Effects
and RAL Colours



SOUNDSCAPES[®]

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 available including Wood Effects
- Durable, high light reflective finish (std. white)

Typical Applications

- Education
- Offices
- Leisure
- Transport
- Auditoriums
- Retail and Food Courts

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



American Oak

Curly Birch

Walnut

Casuarina

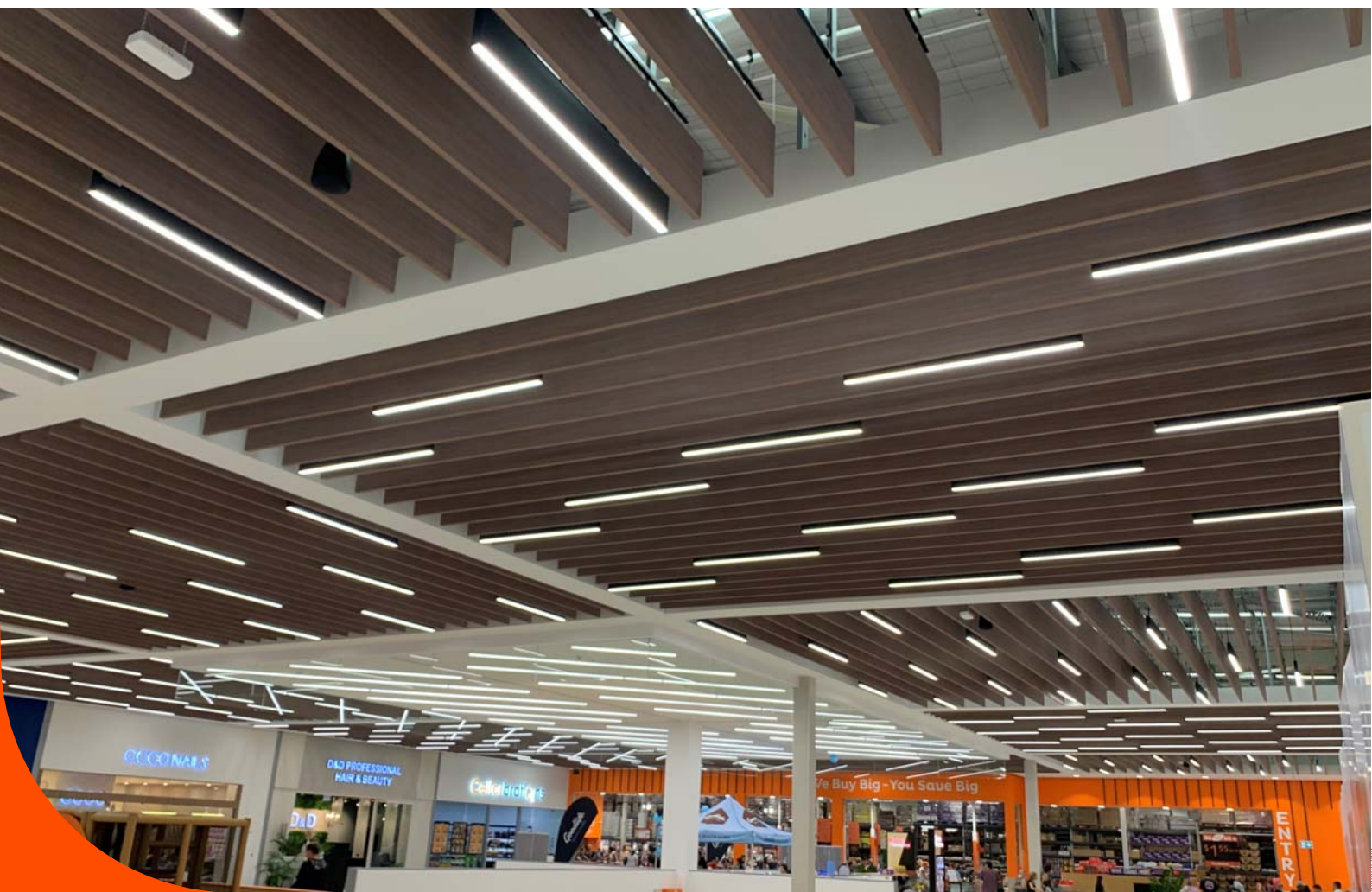
Western Red Cedar

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
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:	Glasswool substrate
Surface Finish:	Durable scrim with factory applied paint
Edge Details:	Wood Effects to match panel face
Colours:	<div> <div>  <p>Traffic White RAL9016</p> </div> <div>  <p>Wood Effects</p> </div> <div>  <p>RAL colours available upon request</p> </div> </div> <p>Refer to "Wood Effects and RAL Colour Palette Chart" for details</p>



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



Humidity Resistance
95%



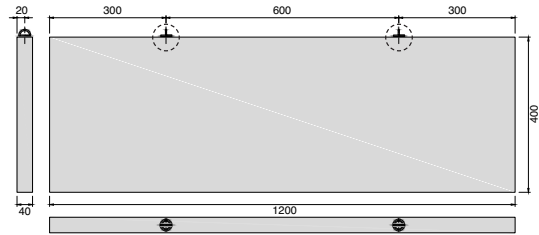
Recycled Content



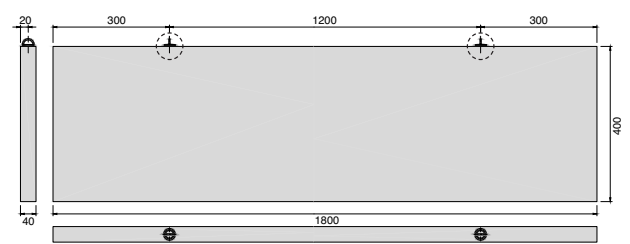
Light Reflectance

Dimensions (mm)

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

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, when installed as a linear array; or as a 'discrete' absorber when installed as separate decorative elements.

Acoustical Data – Sound Absorption Per Panel

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

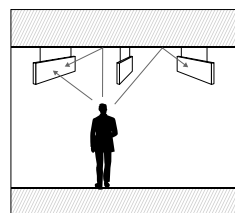
* Average of 500-4000Hz, laboratory measurements with units suspended at 1000mm (depth) and at 2000mm (min.) centres in accordance with EN ISO 354:2003.

Acoustical Data – NRC (Noise Reduction Coefficient) Equivalence

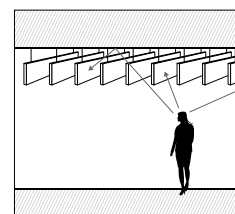
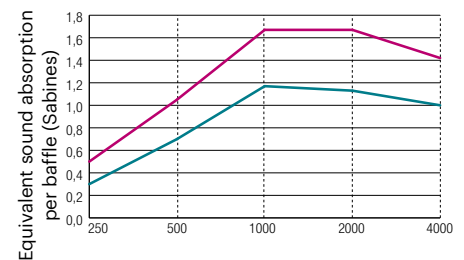
Dimension	NRC
• SOUNDSCAPES Baffles 400mm (Installed at 450mm centres with 1,000mm total plenum depth)	0.65
• OPTRA 20mm (Installed in a conventional 1200 x 600mm grid and panel (flat) ceiling arrangement)	0.95

Note: SOUNDSCAPES® Baffles are produced from 40mm thick OPTRA glasswool.

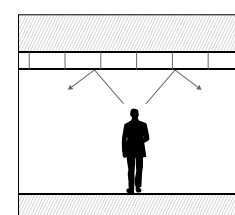
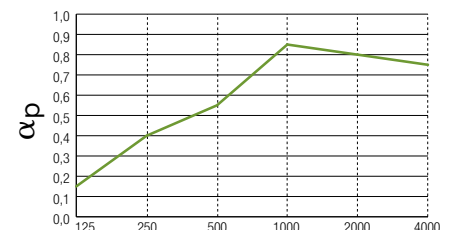
The acoustical performance of a space is primarily determined by its volume and how much sound absorbing material is present. This includes the quantity and size of the Soundscapes Baffles being installed. Acoustical engineers can calculate the room acoustical performance or contact your Armstrong Technical Representative for additional performance information and details on our Reverberation Time and Acoustical Calculator.



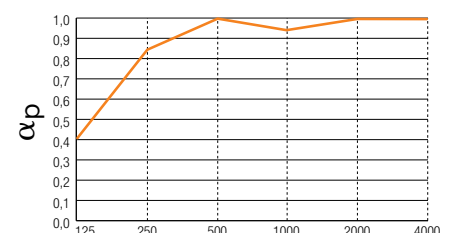
Discrete absorption



Planar absorption



Flat wall to wall ceiling

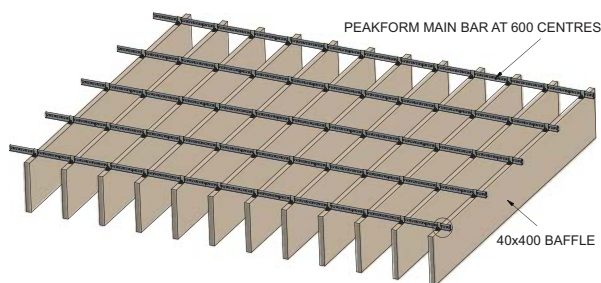
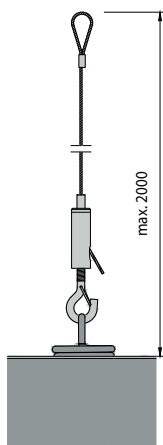




Installation and Accessories



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.



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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.

Contact us

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