



SOUNDSCAPES® BAFFLES CURVES

Now available in Wood Effects and Powercoated Colours

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

Standard Finishing



Traffic White

Light Ivory

Pale Green

Pastel Blue

Traffic Grey

Pale Brown



Wood Effects available upon request



Powdercoated colours available upon request

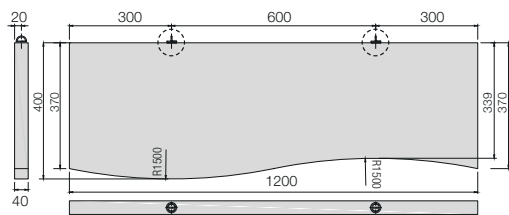
Physical Data

Item No.	Dimensions (mm)	Pieces / carton	Weight
CS401240TWH	1200 x 400 x 40	2pcs	2.3 kg/panel
CS401840TWH	1800 x 400 x 40	2pcs	3.5 kg/panel

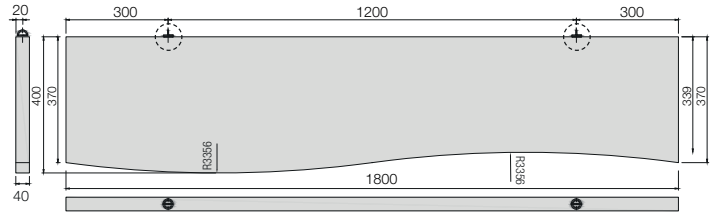
Material:	Glass fibre substrate
Surface Finish:	Durable scrim with factory applied paint
Edge	Painted edges
Colours	Refer to "Wood Effects and Colour Palette Chart" for details

Dimensions

Panel Item CS5163WH: 1200 x 400 x 40mm



Panel Item CS5164WH: 1800 x 400 x 40mm



Performance



Sound Absorption
EN ISO 354 and
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 (α_w), when installed as a linear array; or as a 'discrete' absorber when installed as separate decorative elements.

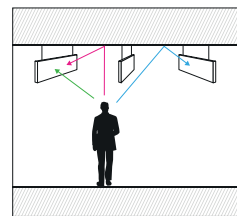
Acoustical Data – 1000mm airspace

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

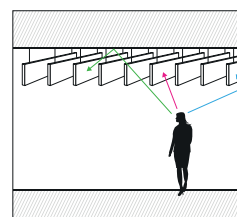
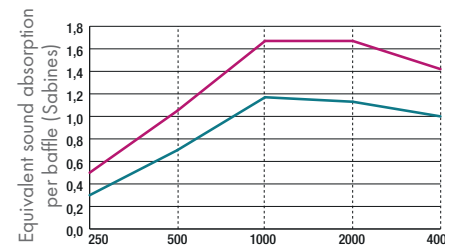
* Average of 500-4000Hz, laboratory measurements with units suspended at 1000mm (depth) and at 2000mm (min.) centres in accordance with EN ISO 354:2003. Contact your local representative for further acoustic and performance information.

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

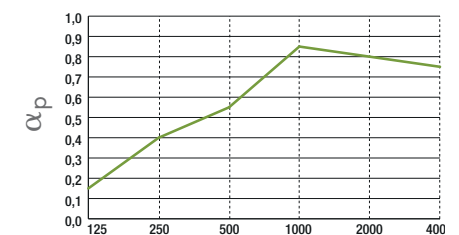
Dimension	NRC
● SOUNDSCAPES Baffles Curves 400mm (450mm centres)	0.65



Discrete absorption



Planar absorption



Recycled Content
80%

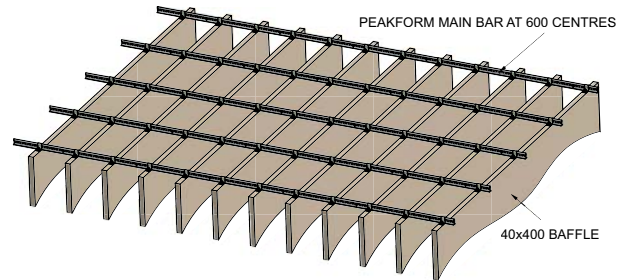


Light Reflectance
90%

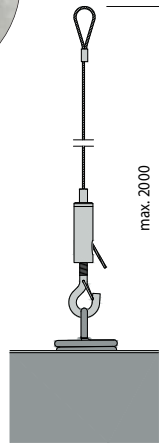
Acoustic Solutions	No Treatment	SOUNDSCAPES Baffles Curves: 1200 x 400 x 40mm
	Exposed Structure	190 Baffles (Discrete absorbers): 19 rows of 10 Baffles (rows at 2m centres)
Reverberation Time (sec)	3.4	1.2
RT improvement (%)	ref	65%
Sound Level Reduction (dB)	ref	-3 dB
Sound Absorption in Sabines	ref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

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
BPCS5135A	Hanging Kit (Ordered separately) Includes – Aircraft cables (4), Adjustors (4) and Gripper Hooks (4) Note: 1 Hanging Kit required for 2 Baffles
CS5548BZC	Baffle Group Hanging Kit (for Prelude Grid – Ordered separately) Includes: Tee Bar Hanger Clips (24) and Carabiners (12)



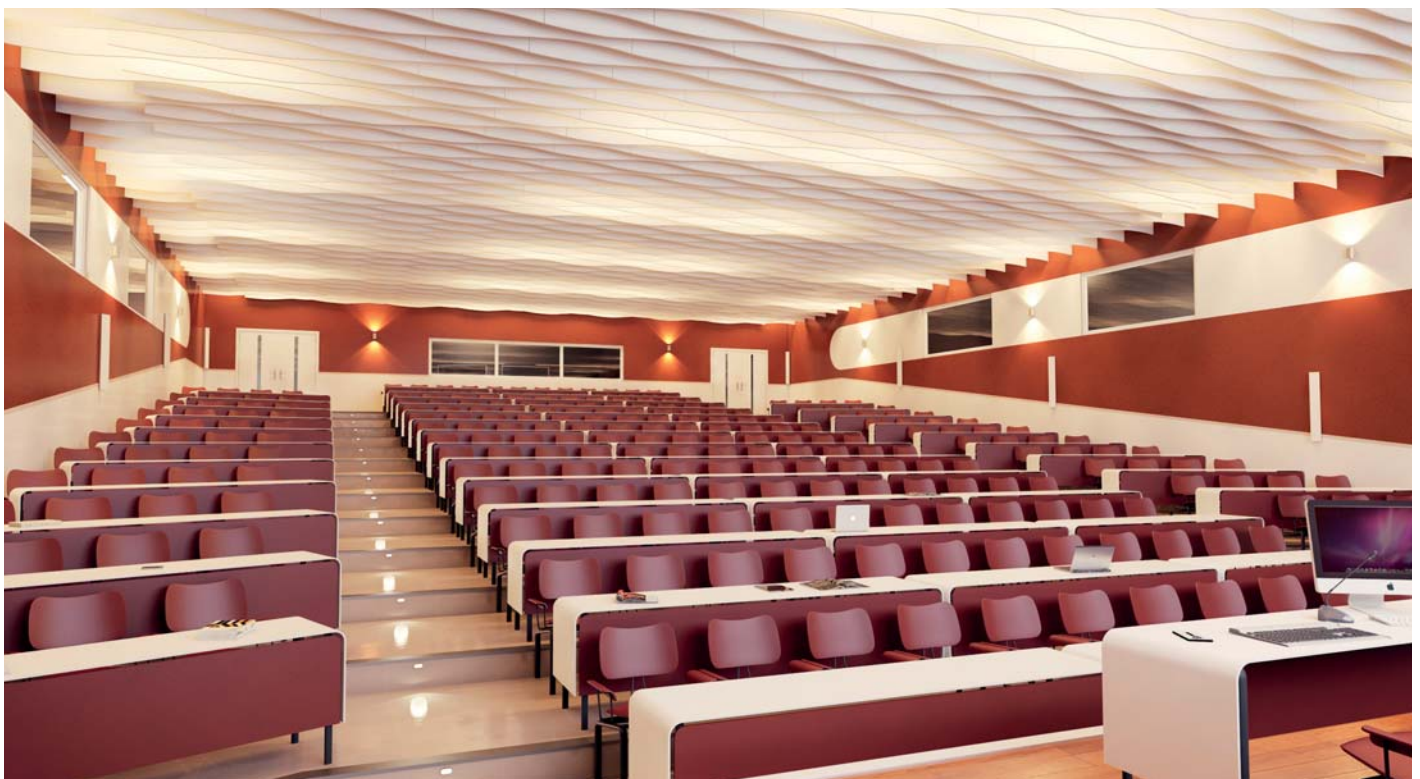
SOUNDSCAPES® Baffles Curves may be installed using standard PeakForm™ Prelude™ 24mm Grid suspension system, or hung individually from the soffit using Hanging Kits.

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

U-Profile or Individual Hanging Option Available.

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

For further details, please contact your local representative or email asia.support@knaufarmstrong.com