SoundScapes® Canopies

Now available in Wood Effects and RAL Colours

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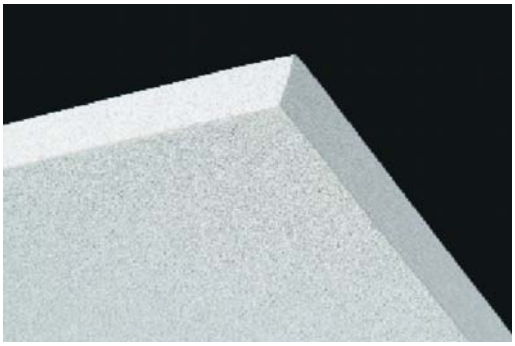
GRAYKING INTERIOR SUPPLY

SOUNDSCAPES®

SOUNDSCAPES® Canopies



Smooth painted finish
on all sides and edges

Suspension
Hanging Kit

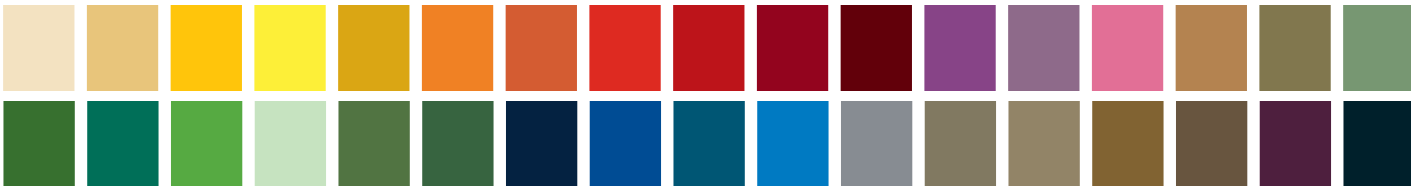
Key Selection Attributes

- Enhance acoustics with spot absorption
- Aesthetically define spaces
- Hill or Valley configuration
- Two panel sizes
- Custom colours available, including Wood Effects
- Colour co-ordinate with SOUNDSCAPES® Shapes
- Adjustable to special heights
- Flush-mounted suspension system for clean look
- Energy-efficient, high light-reflectant surface
- Sustainable design: Contributes to Green Star™ Tools

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 | Jarrah | Spotted Gum | Kwila

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



Technical details

Sound Absorption in Sabin

The Sabin is the unit of total sound absorption provided by an object. This is the preferred metric for "space absorbers" such as clouds, canopies or baffles installed within an architectural space. Total acoustical absorption for a suspended ceiling is calculated by multiplying the exposed surface area by the material NRC while "space absorbers" are directly measured. SOUNDSCAPES® Canopies provide greater sound absorption than a continuous ceiling of the same surface area because the sound is absorbed from both the front and back surfaces. The installation of canopies in a reverberant space can significantly reduce the background noise and reverberation time, enhancing speech intelligibility.

Factors that may affect the installed acoustical performance relative to the published results are:

- Size and shape of canopy
- Number of canopies and their layout/location
- Suspension distance below exposed deck or finished ceiling

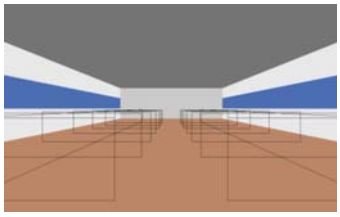
80%
Recycled Content

Acoustical Performance Comparison: Different Ways of Adding Sound Absorption

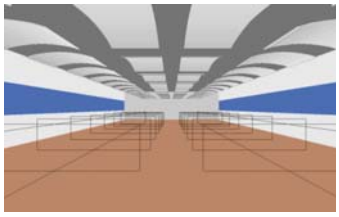
Acoustic Solution	None	SOUNDSCAPES Canopies @ 25% of ceiling	SOUNDSCAPES Canopies @ 50% of ceiling	Continuous ULTIMA Ceiling
	Exposed Structure	50 Canopies (Large)	100 Canopies (Large)	Suspended 1 metre below deck
Reverberation Time (sec)	3.4	1.5	0.9	0.6
RT reduction (%)	ref	57%	73%	83%
SPL reduction (dB)	ref	-3 dB	-4 dB	-5 dB
Sound Absorption in Sabin (metric) for Coverage Area	ref	50 canopies @ 2.44 Sabin/panel = 122 Sabin	100 panels @ 2.44 Sabin/panel = 244 Sabin	450m² x 0.84α = 378 Sabin

Notes: All values for the averaged sound absorption coefficient, Sabin absorption, and dB level reduction of 125Hz-4kHz, are based on the speech frequency range of 500-4000Hz. Reverberation Time is an average of 500 & 1000Hz only. Sabin values are all metric.

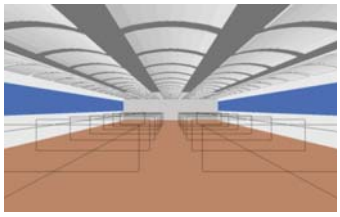
450 square metres Exposed Structure (15 metres x 30 metres), 4.5 metres to deck, drywall with windows two sides, commercial carpet.



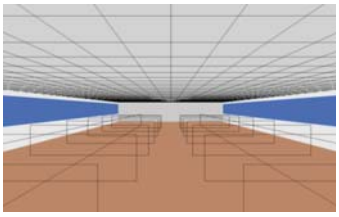
Exposed Structure



SOUNDSCAPES Canopies @ 25% of ceiling



SOUNDSCAPES Canopies @ 50% of ceiling

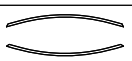


Continuous ULTIMA™ Ceiling

Components

- Pre-curved SoundScapes Canopies
- Suspension Hanging Kit: Cables included

Canopy Panel Item Number / Colour Selection

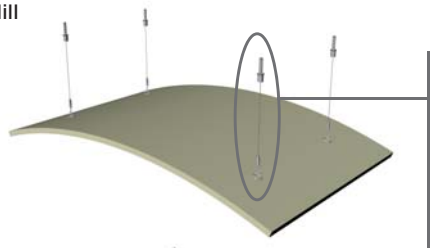
Description	Shape	Dimensions mm*	Traffic White – RAL9016	Colour Options Available**
Hill / Valley		1870 x 1181 x 30	SCA6TWH2*	Wood Effects  RAL Colours 
Valley / Hill		915 x 915 x 30	CA6TWH4	

Exact dimensions for each canopyare shown on page 4.
*Stock Item. **** Refer to "Wood Effects Finishes Guide and RAL Colour Palette Chart" for details**

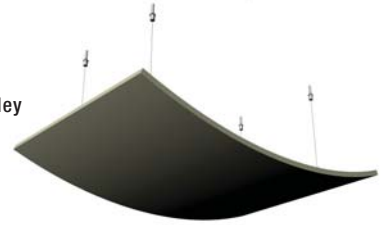
Item No.	Description
BY6010	Suspension Hanging Kit (Included in Canopies Box).
7006	Escutcheon Kit – Used when hanging canopy below an existing ceiling; 2 kits needed per canopy panel.

Installation Details and Physical Data

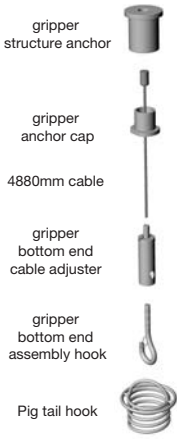
Hill



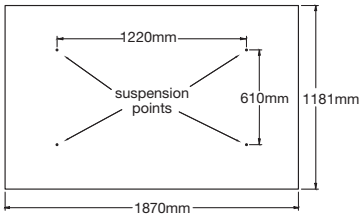
Valley



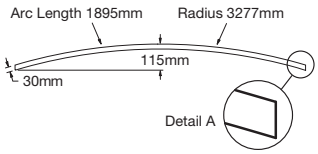
Suspension Hanging Components



Plan View

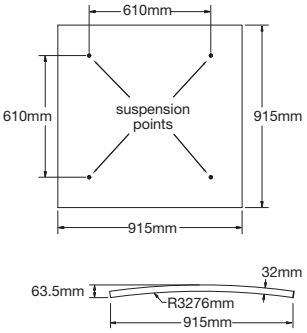


Elevation View



80%

Recycled Content



Physical Data

Material:	Glass fibre substrate Recycled content 80%
Surface Finish:	Durable scrim with factory-applied paint.
Colour:	Traffic White (RAL 9016 – standard). Special RAL Colours available, including Wood Effects.
Edge Details:	Wood Effects to match panel face
Panel Sizes:	1870x1181mm and 915x915mm
Thickness:	30mm
Humidity Resistance:	95% RH
Light Reflectance:	90% (Traffic White only)
Weight:	8kg: 1870x1181 panel 3kg: 915x915 panel

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Acoustical Performance:	2.44 Sabins per panel (1870x1181mm) 0.93 Sabins per panel (915x915mm) NRC equivalent of 0.95 (full ceiling application)
Fire Performance:	Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S
Suspension System:	Flush-mounted hardware system and aircraft cables provided in panel kits.
Installation:	Refer to Installation Instructions on website for details before installing panels.
Design Considerations:	SOUNDSCAPES® Canopies are for interior applications only and cannot be cut, drilled, or altered in any way, nor support any other material. Canopies are designed to be installed a minimum of 460mm apart. Lipping may be visible in installations closer than 460mm.

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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