



Acoustek

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Opus Pergola series Acoustic Blades

A slightly different approach to the conventional Opus range of acoustic blades, Pergola employs the blades at 50/50 opposing angle positions, this still allows illumination via the LED light option whilst still providing optimum noise attenuation.

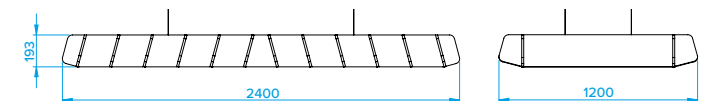
Localised heat generation dissipates upwards passing the blades, adding to a more ambient environment.

Available as a kit set, all components are easily assembled and installed via the Opus supporting extrusion which is concealed neatly from view behind the Pergola end blades.

All Acoustek lighting is available either hard or soft wired and complies with international standards.

Size Options

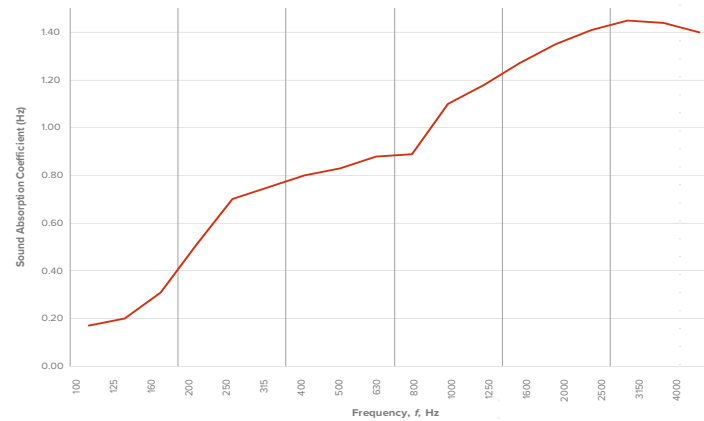
- 1200 x 1200mm
- 2400 x 2400mm
- 1200 x 2400mm
- or any size in between



Performance example

Dependant upon size and location Pergola is ideal for a bespoke treatment over workstations, dining tables, conference tables.

Frequency (Hz)	SAC	Oct
100	0.17	
125	0.20	0.23
160	0.31	
200	0.51	
250	0.70	0.65
315	0.75	
400	0.80	
500	0.83	0.84
630	0.88	
800	0.89	
1000	1.10	1.06
1250	1.18	
1600	1.27	
2000	1.35	1.34
2500	1.41	
3150	1.45	
4000	1.44	1.43
5000	1.40	
NRC	NRC 0.95	
Alpha	0.90	
SAC	A	



Environmental Benefits

Acoustek 3D Lights, Beams, Blades, Tiles and Acoustic Screens are manufactured from thermally bonded polyester fibre with a minimum of 60% recycled fibre content from PET packaging such as empty drink bottles.

- Products with recycled content reduce greenhouse gas emissions.
- High reusable potential.
- The products are 100% recyclable.
- Volatile organic compounds (VOCs) generated in the manufacturing process is classified as low (0.01 mg/m3).
- No ozone-depleting gases are used during the manufacturing process.
- No red list chemicals are present.
- Safe, non-irritant, non-toxic, and non-allergenic.

Sustainable Design

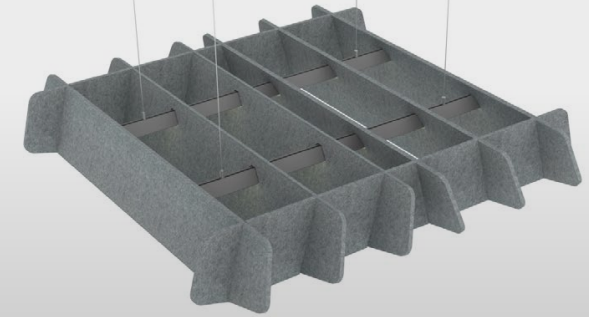
Acoustek 3D Lights, Beams, Blades, Tiles and Acoustic Screens are certified GreenTagCert™ GreenRate Level A.

AS standards and BS standards:
AS 1530.3, AS 3837, BS 476

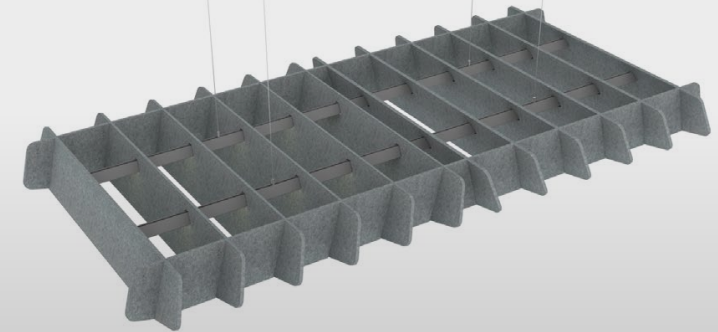


Suitable for use in Green Star™ projects. GreenTagCert™ is a certification and rating tool for building professionals approved by the Green Building Council of Australia (GBCA Physical).

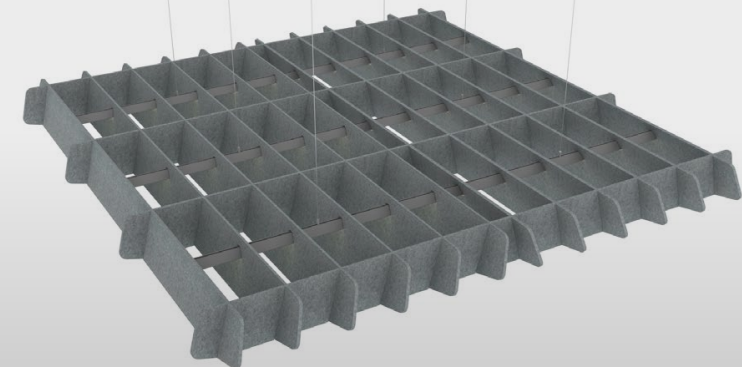
Melting point:	250°C
Vapour pressure:	Not applicable
Volatiles:	Nil
Flash point:	None allocated
Other properties:	Non-allergenic, low irritant, low flame response, resilient
Ingredients:	Organic, long chain synthetic polymers
Max service temp:	110°C
Alkalinity:	pH 7.8 (pH 7 is neutral)
Moisture absorption:	Exposure to an atmosphere of 50°C and 95% RH for four days gives moisture absorption of less than 0.2% by volume
Fire Hazard Properties:	The following results were obtained when subjected to early fire hazard testing in accordance with Australian Standards AS 1530.3 Ignitability: 7 Spread of Flame: 0 Smoke Developed: 5 Heat Evolved: 2



1200 X 1200MM



1200 X 2400MM



2400 X 2400MM