



Acoustek

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Crocus Acoustic Light Unit

The shape of Crocus employs angles and curves that compliment both aesthetic appeal and acoustic performance.

Those angles and curves have been combined with the addition of a noise absorptive support plate making Crocus even more effective at both localised and generic noise attenuation.

Whether over a table for an intimate dining experience or suspended in a boardroom, the subsequent reverberate noise 'middle frequency' absorptive qualities, makes Crocus an aesthetically sound success.

Performance example

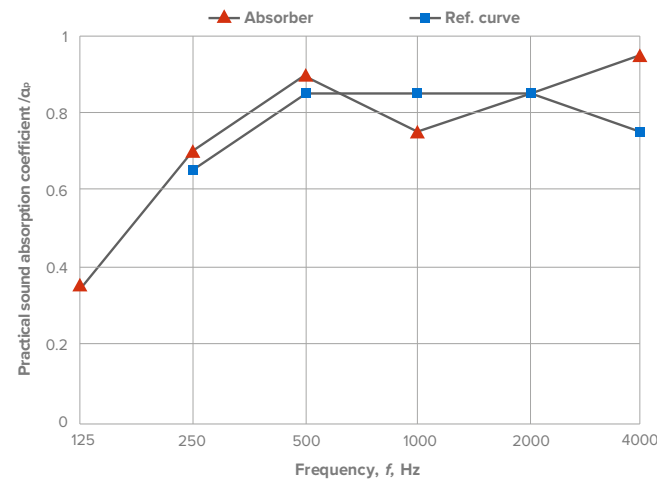
A typical boardroom measuring 4.2m x 4.8m x 2.7m with carpet flooring and plasterboard/ ceiling & wall surfaces plus Glazing.

- Occupied room reverberation time will be 1.1 seconds.
- Target reverberation 0.6 to 0.8 seconds (as per AS2107:2016)

Frequency/Hz	Reference curve	Practical sound absorption coefficient, α_p	Weighted sound absorption coefficient, α_w	Sound absorption classes
125	-	0.35	0.85	B
250	0.65	0.70		
500	0.85	0.90		
1000	0.85	0.75		
2000	0.85	0.85		
4000	0.75	0.95		

An addition of 3 - 7 Sabines at each middle frequencies (500Hz-1000Hz) will result in **new reverberation time within the target range of 0.6 to 0.8.**

Achieved with 2 x Crocus Units (XL or L) or 3 x Crocus Units (M)



Size Options

M	L	XL
h: 430mm	h: 520mm	h: 620mm
w: 800mm	w: 950mm	w: 1120mm

AVAILABLE SOON
Freestanding Crocus Cantilever Lamp





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 50oC 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

Decorative Finishes

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