



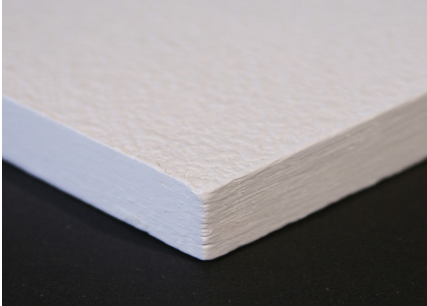
# INT&RIOR SYSTEMS

Guiding Design • Informed Interiors

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## C MAX ABSORB

High Performance Acoustic Ceiling Tile



C Max Absorb is a glass wool tile with a refined white painted, monolithic, pre-finished face:

- High Noise Reduction Coefficient (NRC) efficiently reduces Reverberation Time.
- Mid-range tile suitable for exhibit halls, museums, medical centres, offices, classrooms, receptions, meeting rooms and other commercial interiors.
- Constructed from 90% dry felt resin bonded glass-wool, utilising longer fibres in a more compact fibre arrangement. This non-absorbent, non-water soluble design gives C Max Absorb improved durability when compared to mineral fibre.
- The high density glass-wool tile achieves a density of  $100\text{kg/m}^3$ . This results in a light weight, high performance ceiling tile which is user friendly and ideal for use in large spaces. It won't sag or pillow.
- This tile comes with a 30 year lifetime system warranty to withstand conditions up to  $40^\circ$  and 99% relative humidity without visible sag, when used with a T&R Interior Systems branded suspension system. Tiles should be installed in accordance with NZS1170.5 and the grid manufacturer's instructions.

### EMISSIONS, SUSTAINABILITY AND THE ENVIRONMENT -

For Green Star rated projects, CMX meets the Greenguard Emission Certificate standard.

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GENERAL TEST DESCRIPTION	RESULT	TEST METHOD
Light Reflectance	LR 87% +	ASTM E1477-98
Density	100kg/m <sup>3</sup>	
Fire Test - ISO 5660 Part 1	Group 1-S	Cone Calorimeter NZBC C/VM2 Appendix A
Moisture Rate	≤ 1 %	JC/T 670 – 2005
Thermal Resistance	≥ 0.4 (m <sup>2</sup> -k/w)	ASTMC 423

### SIZE

15mm, 20mm and 40mm Depth  
Square Edge, Reveal Edge,  
Direct Fix (20mm and 40mm only) \*Concealed,  
[600 x 600] [1200 x 600]  
\*[2400 x 600] \*[2400 x 600] \*[1200 x 300] \*[1500 x 300]  
\* Available by indent order.

To suit 24mm Grid patterns

(C Max 15 mm RE available to suit 15mm grid)

Other sizes available on request.

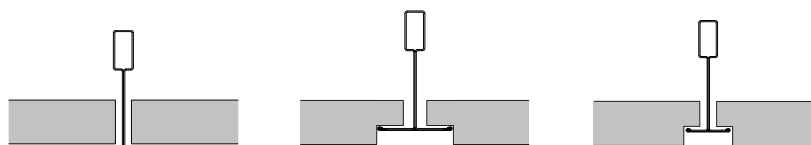
### COLOUR

### WHITE AND BLACK



15MM TEST DATA	RESULT	TEST METHOD
Absorption (ISO 354)	NRC 0.85	ASTM C423
	SAA 0.94	ASTM C423
	αW 0.80	ISO 11654: 1997
Attenuation (ASTM E1414-11A)	CAC 22	ASTM E413-10
	Dn,c,w 22	ISO 717-1
Weight	1.5 kg	
Est R Value	R0.4	

### EDGE DETAIL



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## C MAX ABSORB

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### 20MM TEST DATA

### RESULT

### TEST METHOD

Absorption (ISO 354)	NRC 0.90	ASTM C423
	SAA 1.02	ASTM C423
	$\alpha_w$ 0.90	ISO 11654: 1997
Attenuation (ASTM E1414-11A)	CAC 23	ASTM E413-10
	$D_{n,c,w}$ 23	ISO 717-1
Weight	2.0 kg	
Est R Value	R0.5	

### EDGE DETAIL



*This tile is available on indent (lead time applies)*



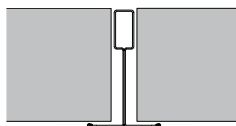
### 40MM TEST DATA

### RESULT

### TEST METHOD

Absorption (ISO 354)	NRC 0.95	ASTM C423
	SAA 1.12	ASTM C423
	$\alpha_w$ 0.95	ISO 11654: 1997
Attenuation (ASTM E1414-11A)	CAC 32	ASTM E413-10
	$D_{n,c,w}$ 32	ISO 717-1
Weight	4.0 kg	
Est R Value	R1	

### EDGE DETAIL



*\* Acoustic Performance re-tested in New Zealand labs in 2019. Absorption Test: E400 Mounting Method. Please note; these results may differ from earlier datasheets*

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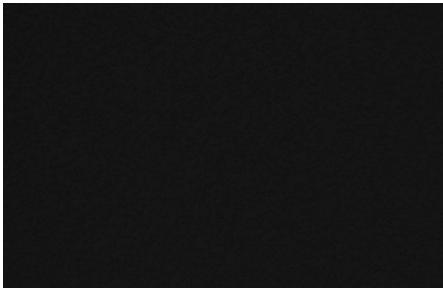
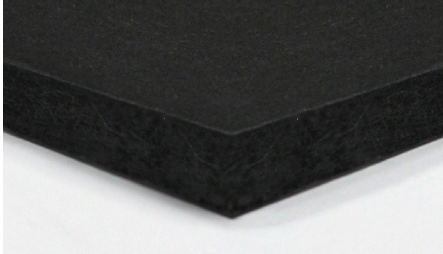
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## C MAX ABSORB BLACK

High Performance Acoustic Ceiling Tile



C Max Absorb is also available in black - with a painted, monolithic, pre-finished face:

- Can be matched with black CBI Grid for a sleek and sophisticated ceiling. Can also be integrated with black GridLux lights.
- Mid-range tile suitable for exhibit halls, museums, receptions, theatres, meeting rooms and other commercial interiors.

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