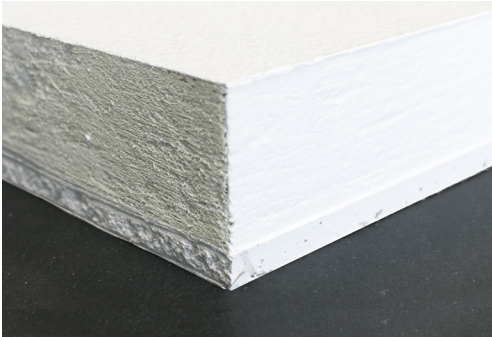




C MAX COMBO Slim & Standard High Performance Acoustic Ceiling Tile



C Max Combo is a thick glass wool tile with a refined white painted, monolithic, pre-finished face and an attenuating layer behind (either 6mm layer of compressed glass-fibre board or 9mm plasterboard). This combination results in a tile with an extremely high Noise Reduction Coefficient (NRC) combined with a high Ceiling Attenuation Class (CAC).

- The absorbent face is made from a compounded, high density glass-wool.
- The attenuating backer improves the reduction of sound transfer over office partitions and reduces rain noise from roofing. It is a high performance ceiling tile which is user friendly and ideal for use in airports, offices, classrooms, boardrooms, museums and other commercial interiors.
- Glass-wool products are well known for their thermal advantages, and C Max Combo is no exception. With a high thermal resistance coupled with low thermal conductivity, C Max Combo is excellent in helping maintain indoor temperature and reducing energy consumption.

This tile comes with a 30 year lifetime system warranty to withstand conditions up to 40° 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 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, C Max meets the Greenguard Emission Certificate standard.


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C MAX COMBO Slim & Standard High Performance Acoustic Ceiling Tile

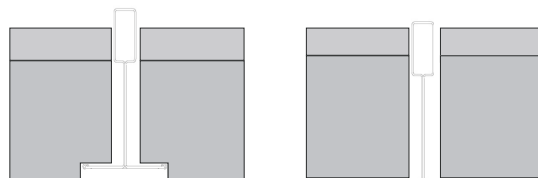
TEST DESCRIPTION	RESULT	TEST METHOD
Density	100kg/m ³ Condensed Glass-fibre: 1000kg/m ²	
Light Reflectance	LR 87% +	ASTM E1477-98
Fire Test - ISO 5660 Parts 1&2	Group 1-S 	Cone Calorimeter NZBC C/AS1 – AS27
Moisture Rate	≤ 1 %	JC/T 670 – 2005

- SIZE**
Square Edge, Reveal Edge (Slim only)
[600 x 600] [1200 x 600] *[1200 x 300] *[1500 x 300]
To suit 24mm Grid patterns
* Available by indent order. Other sizes available on request.
- COLOUR**
WHITE (and Black Available by indent and MOQ)



SLIM TEST DATA	RESULT	TEST METHOD
Absorption (ISO 354)	NRC 0.75 SAA 0.87	ASTM C423
	α_w 0.60	ISO 11654 – 2002
Attenuation (ASTM E1414-11A)	CAC & D _{n,c,w} 44 STC 27 & R _w 26	ASTM E413-10 ISO717-1
Weight	9.6kg/m ² max. weight	

• **EDGE DETAIL**



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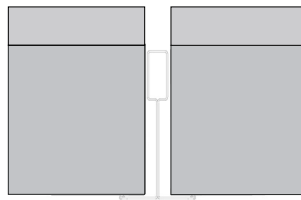


C MAX COMBO Slim & Standard High Performance Acoustic Ceiling Tile



STANDARD TEST DATA	RESULT	TEST METHOD
Absorption (ISO 354)	NRC 0.90	ASTM
	SAA 1.02	
	α_w 0.85	ISO 11654 – 2002
Attenuation	CAC & $D_{n,c,w}$ 46	ASTM E413-10
	STC & R_w 26	ISO717-1
Weight	11.3kg/m ² max.	

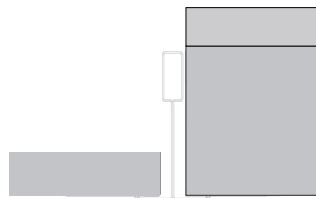
EDGE DETAIL



The ceiling attenuation class of one room with C Max Combo 50mm and an adjacent room of C Max Absorb 15mm ceiling tiles in a suspended ceiling grid

Attenuation	CAC & $D_{n,c,w}$ 38	ASTM E413-10
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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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