



INT&RIOR SYSTEMS

Guiding Design • Informed Interiors

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C MAX DIRECT FIX

High Performance Acoustic Ceiling Tile



C Max Direct Fix is a white painted, textured glass wool acoustic ceiling tile. Direct fix eliminates the need for an exposed grid and enhances the clean smooth monolithic surface. Available in a range of colours as well as white.

- It has a high noise reduction coefficient (NRC 0.75 – 1.00 – depending on installation method) to reduce reverberation time.
- A high end tile.
- Designed for direct fix application to new existing gypsum board or over timber/metal battens. The Direct Fix 20mm tile on batten exceeds Department of Education acoustic requirements when installed over gypsum board backing.
- This product is constructed from 90% dry felt resin bonded glass-wool, utilizing longer fibres in a compact fibre arrangement. The non-absorbent, non-water soluble design gives C Max Direct Fix improved durability when compared to mineral fibre.
- C Max Direct Fix achieves a density of 100kg/m³. This results in a light weight, high performance ceiling tile which is user friendly and ideal for use in classrooms, offices, medical centres, lobbies and receptions and other commercial interiors.
- 30 year lifetime system warranty to withstand conditions up to 40° - 99% relative humidity without visible sag.

EMISSIONS, SUSTAINABILITY AND THE ENVIRONMENT -

For Green Star rated projects, C Max Direct Fix meets the Greenguard Emission Certificate standard.

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TEST DESCRIPTION	RESULT	TEST METHOD
Absorption (ISO 354) 20mm direct fix:	NRC 0.75	ASTM C423
	α_w 0.55	ISO 11654
	SAA 0.94	ASTM C423
with 35mm air gap:	NRC 0.85	ASTM C423
	α_w 0.85	ISO 11654
	SAA 0.92	ASTM C423
Attenuation (ASTM E1414-11A)	(without plasterboard backing)	
20mm	CAC & $D_{n,CW}$ 23	ISO 717-1 ASTM E413-10
Light Reflectance LR	87% +	ASTM E1477-98
Density	100kg/m ³	
Weight	20mm: 2kg/m ²	
Fire Test - ISO 5660 Part 1	Group 1-S	Cone Calorimeter NZBC C/VM2 Appendix A
		
Moisture Rate	≤ 1 %	JC/T 670 – 2005
Thermal Conductivity	≥ 0.04 (kcal/mh°C)	JIS A 1412
Est. R-Value (m ² k/w)	20mm: R0.5	

COLOUR

White

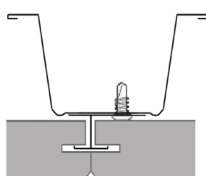
SIZE

20mm Depth x [600 x 600] [1200 x 600]

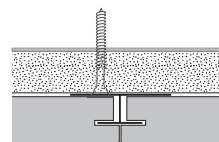
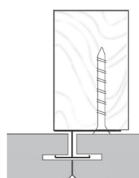
Other sizes available on request

INSTALLATION

Tiles are best installed in an Ashlar pattern. C Max Direct Fix is only covered by warranty if only installed in the Ashlar pattern.



Shown with air gap



Shown as direct fix

* Acoustic Performance re-tested in New Zealand labs in 2019.
Please note; these results may differ from earlier datasheets

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