

DATASHEET

Chicago Metallic™ Infinity®

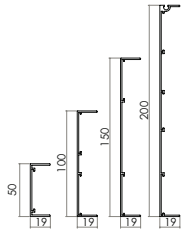


Sounds Beautiful

Chicago Metallic™ Infinity®

- A bespoke range of 'made to order' single module and multi-module framed islands
- These islands can be installed with a number of Rockfon® ceiling tiles
- A variety of powder-coated, extruded aluminium perimeter channels and accessories are available
- All islands are bespoke and made to order
- Supplied in complete kits comprising all framing components to create an island


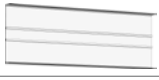
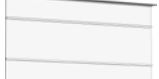




Cross-section



Compatible tiles



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
Main runner										
INF C50		Infinity® framing profile 50mm	50							
INF C100		Infinity® framing profile 100mm	100							
INF C150		Infinity® framing profile 150mm	150							
INF C200		Infinity® framing profile 200mm	200							
Accessories										
INF TC		Connection clip for T-profiles				1				
INF IC		Interior cross connector				50		1.62		
INF LC		Length connector				50		1.62		

Ceiling tiles with X edges are only compatible with a 100 mm high Infinity® frame profile in combination with the Rockfon T24 X DLC system.



Performance



Reaction to fire

A2-s1,d0



Corrosion Resistance

B



Environment

Fully recyclable



Understanding the performance of Chicago Metallic™ grids and accessories



Reaction to fire

Reaction to fire is classified in accordance with EN 13501-1. Chicago Metallic steel grids and accessories are non-combustible.



Fire resistance

A range of Chicago Metallic steel grids are tested in combination with different Rockfon tiles and are classified in accordance with European norm EN 13501-2 and/or national norms.



Corrosion resistance

Chicago Metallic products produced from hot dip galvanised steel following the Sendzimir process comply with the corrosion classes of the product standard EN 13964 (A, B, C, D). The standard systems in class B are protected with 100 g/m² zinc evenly applied on both sides. The enhanced corrosion resistance (ECR) systems and accessories in class C or D have respectively a layer of 100 g/m² and 275 g/m² zinc evenly applied on both sides and are protected with an additional layer of 20 micron paint per side.



Load bearing performance

The load bearing performance (max. kg/m² load applicable to the grid system without exceeding the allowable deflection of the individual components) is tested in accordance with the EN 13964 standard. The accumulative value of the system deflection, shown on the data sheets, does not exceed the max. deflection as given in class 1 of the standard. Special project configurations deviating from the standard module sizes mentioned in the data sheets must be calculated by Rockfon technical services.

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