

DATASHEET

Chicago Metallic™ Alu 740

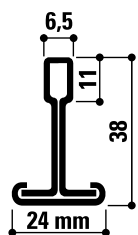


Sounds Beautiful

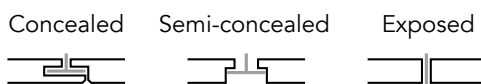
Chicago Metallic™ Alu 740

- 24mm aluminium grid with non-magnetic properties
- For use in computer rooms and hospitals with magnetic resonance imaging (MRI) scanners
- The grid is supplied in a specific white colour 01

Cross-section

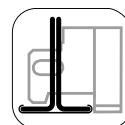


Compatible tiles








Coupling

Butt-cut end



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										
T24 ALU MR		Main runner T24 Hook	38	3600	01	20	72	15.8	30	474
Cross tee										
T24 ALU CT		Cross tee T24 Hook	38	600	01	60	36	7.8	64	500
T24 ALU CT			38	1200	01	60	72	15.4	30	461
Wall angle options										
L19x24 ALU CAP		Alu perimeter wall angle trim 24 x 19 x 3050mm	24	3050	01	25	76.25	9.3	40	373
Accessories										
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34	48	80

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 ALU MR	Main runner T24 Hook	38	3600	12	 150 / 300 / 10 x 300 / 150
T24 ALU CT	Cross tee T24 Hook	38	600	0	 600
T24 ALU CT		38	1200	1	 600 / 600

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	6.6	11.0
1200	1200 x 600	7.2	11.8



Reaction to fire

A1



Corrosion resistance

C



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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