

DATASHEET

Stiffening Profiles




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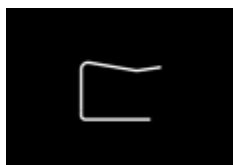
Stiffening Profiles

- Galvanised C-sections to be placed into the groove of the tiles
- Several lengths and sizes adapted to the tiles types
- The profiles assure the flatness of the panels
- Galva protection to be used in regular building conditions
- Used in semi-concealed and concealed applications

Assortment

Product group		Component description	Pcs per pack	Kg per pack
SP C11 880		C-section 15x11x13 mm (stiffening profile for X edge tiles 900x900 mm, L = 880 mm)	80	9,9

Cross-section



SP C11 880

Performance



Reaction to fire
A1



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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