

DATASHEET

Corrosion resistant (D)







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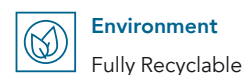
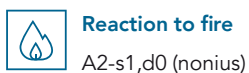
Corrosion resistant (D)

- Range of accessories with extra corrosion resistant finishing in compliance with class D
- Compatible with the extra corrosion resistant Chicago Metallic™ grids
- Extra galvanised raw material with double side painting or similar protection
- Used in project requirements with class C or D exposure conditions

Assortment

| Product group | | Component description | Load bearing capacity | Height (mm) | Pcs per pack | Kg per pack |
|---------------|---|---|-----------------------|-------------|--------------|-------------|
| TR D M6 |  | Threaded rod M6 / ECR class D / L=1000 mm | | | 100 | 16,7 |
| NH D 85 |  | Upper part nonius hanger / bent / ECR class D | 40 kg | 85 | 50 | 1,4 |
| NH D 135 | | | 40 kg | 135 | 50 | 1,8 |
| NH D 235 | | | 40 kg | 235 | 50 | 2,7 |
| NH D 340 | | | 40 kg | 340 | 50 | 3,7 |
| NH D 440 | | | 40 kg | 440 | 50 | 4,4 |
| NH D 540 | | | 40 kg | 540 | 50 | 5,5 |
| NH D 640 | | | 40 kg | 640 | 50 | 6,5 |
| NH D 740 | | | 40 kg | 740 | 50 | 7,1 |
| NH D 840 | | | 40 kg | 840 | 50 | 8,2 |
| NH D 940 | | | 40 kg | 940 | 50 | 9,2 |
| NH D 1040 | | | 40 kg | 1040 | 25 | 4,9 |
| NH D CLIP |  | Intersection clip for nonius / ECR class D | 40 kg | | 100 | 0,7 |
| NH D T |  | Lower part nonius hanger for T24x38 mm profiles / ECR class D | 20 kg | 190 | 50 | 2,2 |

Performance





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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