

DATASHEET

Chicago Metallic T24 Hook 850

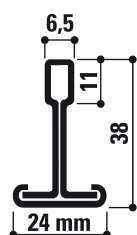


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Chicago Metallic T24 Hook 850

- 24mm hook grid with a knuckle joint main runner and butt-cut cross tees.
- Fully 38mm high for greater load bearing and ease of service integration.
- Fire resistant grid according to national and European requirements.
- A strong and stable grid which can be easily demounted.

Cross-section

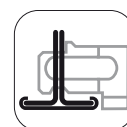


Compatible tiles








Coupling

Butt-cut end

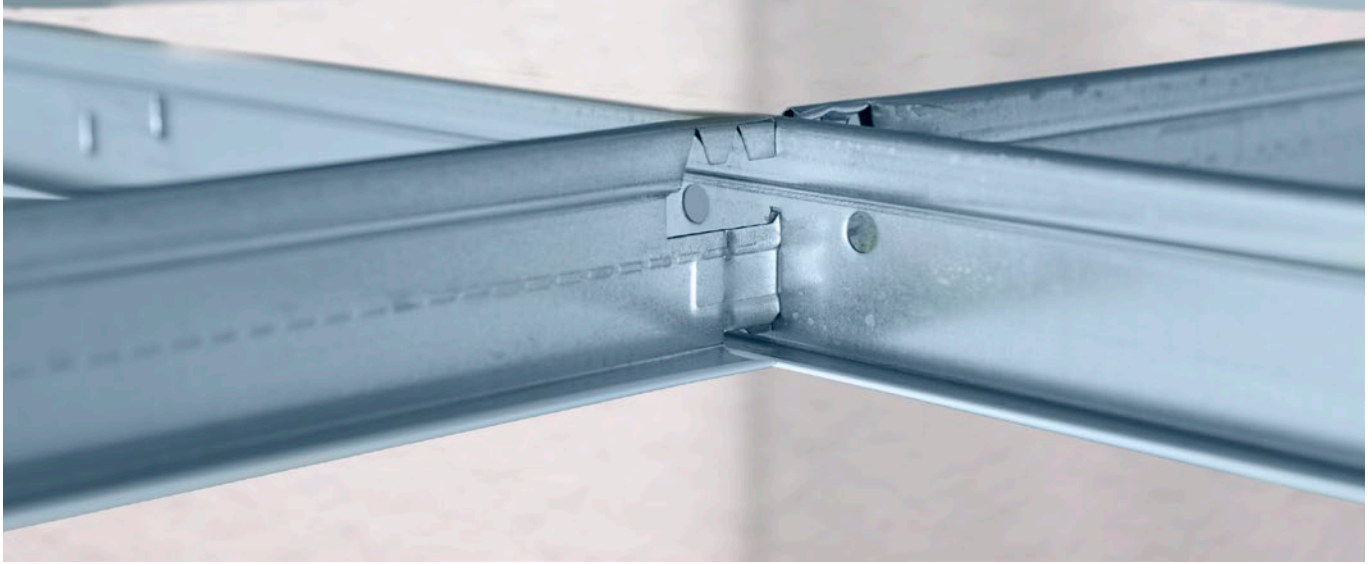


Assortment

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 MR HOOK		Main runner T24 Hook	38	3600	Color-all, 04, 534, 57, 16, 14, 88, 11, 54, 001, 901	25	90	32	50	1602
Cross tee										
T24 CT HOOK		Cross tee T24 Hook	38	600	Color-all, 04, 534, 57, 16, 14, 88, 11, 54, 001, 901	75	45	13.1	70	915
T24 CT HOOK			38	1200	Color-all, 04, 534, 57, 16, 14, 88, 11, 54, 001, 901	50	60	21.2	72	1524
Wall angle options										
L19x32		Perimeter wall angle trim 32 x 19 x 3050mm	32	3050	Color-all, 88, 11, 001	40	122	27.3	60	1635
Accessories										
RAH		Rigid angle hanger		3050		40	122	23	60	1379

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

Please note that some - not all - products are available in colour. To see which colours are available, please check the assortment table in the relevant Product Datasheet. If you need further assistance or have specific colour preferences, please contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 MR HOOK	Main runner T24 Hook	38	3600	24	 75 / 150 / 22 x 150 / 75
T24 CT HOOK	Cross tee T24 Hook	38	600	1	 300 / 300
T24 CT HOOK		38	1200	3	 300 / 300 / 300 / 300

Special lengths and slot patterns are available upon request.

Performance



Load bearing capacity

Kg/m ²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	10.9	18.2
1200	1200 x 600	12.1	19.8



Reaction to fire

A1 / A2-s1,d0 (Color-all)



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.



Colours

Chicago Metallic grids are available in various colours from the RAL and NCS systems, which are measured following the ISO 7724-2 and ISO 7724-3 standards. The actual colours may deviate slightly from the RAL and NCS references. Chicago Metallic grids are available in a variety of finishes from matt to high gloss, with a respective average of < 5, 15 and 50 units at a 60° angle. The matt finishing is measured at an angle of 85°. See the colour legend for their average values. The gloss unit is measured in accordance with EN13523 part 2.



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.



Cleaning

All Chicago Metallic grids can be cleaned with water and a mild detergent in combination with a melamine foam sponge or microfiber cloth.

Colour legend

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White 001 RAL 9003	White 901 RAL 9010	White 01 White 916	Matt White 11 RAL 9003	L value: 93 Gloss: 2 at both a 60° and 85° angle
Platinum 54 RAL 7035	Alugrey 04 RAL 9006	Galvanised 00 Galvanised 69	Matt Black 88 RAL 9004	Gloss: 4.5 at 60° angle and 11.5 at 85° angle
Brushed Alu 534	High Gloss Chrome 14	Carrara 57	High Gloss Brass 16	
White 001 / White 001 (8WW) RAL 9003 / RAL 9003	Black 08 / Black 08 (8BB) RAL 9005 / RAL 9005	White 001 / Black 08 (8WB) RAL 9003 / RAL 9005	Alugrey 04 / Black 08 (8GB) RAL 9006 / RAL 9005	

Rockfon Color-all®

<p>Mustard - 51</p> <p>NCS S 2050-Y20R</p>	<p>Sand - 30</p> <p>NCS S 1020-Y30R</p>	<p>Stucco - 20</p> <p>NCS S 1005-Y20R</p>			
<p>Scarlet - 71</p> <p>NCS S 5040-Y90R</p>	<p>Coral - 76</p> <p>NCS S 3040-Y90R</p>	<p>Seashell - 75</p> <p>NCS S 1010-Y70R</p>	<p>Petal - 74</p> <p>NCS S 1005-Y60R</p>		
<p>Seaweed - 34</p> <p>NCS S 8005-G</p>	<p>Eucalyptus - 32</p> <p>NCS S 6020-B90G</p>	<p>Sage - 31</p> <p>NCS S 3010-G10Y</p>	<p>Mint - 12</p> <p>NCS S 0505-G10Y</p>		
<p>Space - 49</p> <p>NCS S 7020-B</p>	<p>Storm - 48</p> <p>NCS S 5030-R90B**</p>	<p>Azure - 47</p> <p>NCS S 3020-B</p>	<p>Fresh - 42</p> <p>NCS S 2010-B10G</p>		
<p>Earth - 25</p> <p>NCS S 5010-Y50R</p>	<p>Clay - 26</p> <p>NCS S 5005-G50Y</p>	<p>Linen - 22</p> <p>NCS S 4005-Y50R</p>	<p>Sandalwood - 13</p> <p>NCS S 2010-Y70R</p>	<p>Chalk - 21</p> <p>NCS S 2005-Y40R</p>	
<p>Ebony - 28</p> <p>NCS S 8005-R</p>	<p>Cork - 24</p> <p>NCS S 4010-Y30R</p>	<p>Hemp - 23</p> <p>NCS S 3005-Y</p>			
<p>Iron - 18</p> <p>NCS S 7502-B</p>	<p>Concrete - 06</p> <p>NCS S 5502-B</p>	<p>Mastic - 17</p> <p>NCS S 4000-N</p>	<p>Zinc - 05</p> <p>NCS S 4005-R50B</p>	<p>Mercury - 62</p> <p>NCS S 3005-R80B*</p>	
<p>Charcoal - 09</p> <p>NCS S 8500-N</p>	<p>Anthracite - 08</p> <p>NCS S 7005-B</p>	<p>Gravel - 03</p> <p>NCS S 3502-B</p>	<p>Plaster - 02</p> <p>NCS S 2005-R80B</p>	<p>Stone - 01</p> <p>NCS S 2000-N</p>	<p>Moon - 10</p> <p>NCS S 1005-R80B</p>

* Colour contains effect pigments.

** Colour is between NCS S 5030-R90B and NCS S 6030-R90B.

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NCS codes are closest colour match. The actual colour of the Rockfon Color-all® grid may deviate slightly from printed colours due to the texture of the surface. Samples are available upon request.

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