

DATASHEET

Chicago Metallic T35 Hook 650

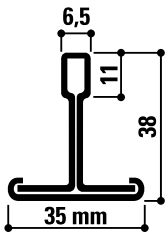


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Chicago Metallic T35 Hook 650

- 35 mm grid with a knuckle-joint main runner coupling and butt-cut cross tees
- Fully 38 mm high for better load bearing and compatibility with accessories
- A strong and equal grid which can be easily demounted repeatedly
- Fire resistant grid according to national and European requirements
- Used for creating industrial ceilings with large sized and heavy panels
- System can be combined with 75 mm double height system

Cross-section

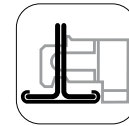


Compatible tiles



Coupling

Butt-cut end



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T35 MR HOOK		Main runner T35 Hook	38	3200	04, 00, 88, 001	15	48	20.2
T35 MR HOOK			38	3600	04, 00, 88, 001	15	54	22.8
Cross tee								
T35 CT HOOK		Cross tee T35 Hook	38	1500	04, 00, 88, 001	40	60	24.5
T35 CT HOOK			38	1506.25	04, 00, 88, 001	40	60.25	24.6
T35 CT HOOK			38	1995	04, 00, 88, 001	15	29.93	12.7
T35 CT HOOK			38	600	04, 00, 88, 001	50	30	12.3
T35 CT HOOK			38	1000	04, 00, 88, 001	40	40	16.3
T35 CT HOOK			38	1200	04, 00, 88, 001	40	48	19.6
Wall angle options								
L30x30		L-wall angle 30x30 mm	30	3050	001	25	76.25	23.3
Accessories								
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	57.5			100		1.5
HDC 6 P2		Steel hold down spring combinable with holddown clip HDC 6 P1				100		2.7
HDC 6 P1		Steel hold down clip for tile thickness 45-110 mm (A edge) (to be combined with HDC 6 P2)				100		0.9
QH HH 140		Assembled quick hanger with 2 hooks				100		3.6

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

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T35 MR HOOK	Main runner T35 Hook	38	3200	32	
T35 MR HOOK		38	3600	18	
T35 CT HOOK	Cross tee T35 Hook	38	1500	0	
T35 CT HOOK		38	1506.25	0	
T35 CT HOOK		38	1995	0	
T35 CT HOOK		38	600	1	
T35 CT HOOK		38	1000	1	
T35 CT HOOK		38	1200	1	
T35 CT HOOK		38	1200	1	

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		2.5 mm	4.0 mm
1200	600 x 600	11.8	19.9
1200	1200 x 600	13.0	21.5
1200	1500 x 1000	4.7	7.9
1500	1500 x 1000	3.2	5.6



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

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

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®

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

* 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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