

DATASHEET

# Chicago Metallic 100 mm Bandraster 3100

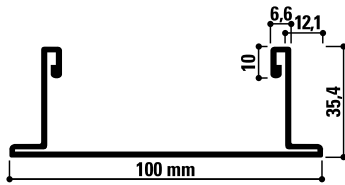


**Sounds Beautiful**

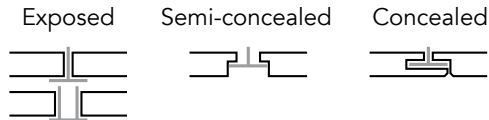
# Chicago Metallic 100 mm Bandraster 3100

- The 100 mm wide grid system is suitable for the flexible layout of large spaces and positioning of partition walls
- Suitable for the installation of acoustic and fire protection barriers in plenum spaces
- System includes a wide range of spacers and accessories
- Compatible with exposed, semi-concealed and concealed grid ceilings

## Cross-section

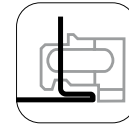


## Compatible tiles



## Coupling

Straight-cut



## 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
<b>Main runner</b>										
BR100		Bandraster main runner 100 mm - without slots	35,4	3600	04, 11, 001	8	28,8	30,9	30	928
<b>Cross tee</b>										
BR100 T15 HD CT		Bandraster cross tee T15 Hook	38		001					
BR100 T24 CT		Bandraster cross tee T24 Hook	38							
BR100 T24 HD CT			38							
<b>Wall angle options</b>										
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 11	40	122	25,5	60	1528
L24x24		L-wall angle 24x24 mm white	24	3050	001	40	122	25,5	60	1528
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-all, 04, 88, 001, 901, 11	30	91,5	19,9	60	1191
<b>Accessories</b>										
BR100 LC		Length coupling for bandraster 100 mm				25		3,5		
BR100 H		Flat hanger for bandraster 100 mm	100			100		3,4		
BR100 CC		Cross connector for bandraster 100 mm				25		2,7		
BR100 WC		Wall connector for bandraster 100 mm				25		2,7		
BR100 HB		Bent hanger for bandraster 100 mm	84,7			100		3,4		
PINC BR		Slot pincer for bandraster 50, 75, 100, 125, 150 mm				1		2,5		

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.



## Performance



### Load bearing capacity

\* 75 mm spacers

Hanger distance (mm)	Modulation (mm)	Kg/m <sup>2</sup>	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	1200 x 600	18.3	29.8
1200	1500 x 600	8.3	13.7
1200	1800 x 600	4.0	6.8
1200	2100 x 600	12.0*	20.1



### 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.



## 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/m<sup>2</sup> 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/m<sup>2</sup> and 275 g/m<sup>2</sup> 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/m<sup>2</sup> 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.

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.

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.

# Sounds Beautiful

