



Punched hole mesh gratings B-CUBE® has a high strength-to-weight ratio which means that strength is maintained while weight is reduced. The greater the span, the lower is the weight – in relation to pressure-locked mesh gratings. The B-CUBE® grating can be produced in three design variants depending on how much slip resistance is needed. B-CUBE® mesh gratings are recommended in most constructions and industries where high air- or liquid flow are required.

Qualities

High strength-to-weight ratio

High air- and liquid flow

3 design variants

Enhanced slip resistance

Applications

Flooring

Access walkways

Work platforms

Entrance gratings

Landings

Technical data

Standard and norms	EN ISO 14122-2
Load capacity acc. to EN ISO 14122-2	1,5 kN / 200 x 200 mm
Ball proof acc. to EN ISO 14122-2	35 mm

Materials

Steel 240 YP	Mill finish - Hot dip galvanised
Steel Z275	Pre-galvanised
High-strength steel HSS420®	Mill finish - Hot dip galvanised

Panel Dimensions

Panel width (Pw)	200	240	285	330	370	415	460	500
Height (Hs)	40	40	40	40	40	40	40	40
Material thickness	2	2	2	2	2	2	2	2
no. of CUBES (Pw)	4	5	6	7	8	9	10	11
Weight per meter (mill finish)	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0
Weight per m ² (mill finish)	19,6	18,5	17,7	17,1	16,7	16,3	16,0	15,8
Weight per m ² (galvanised)	21,2	20,0	19,1	18,5	18,0	17,6	17,3	17,0
Max. span*	1400	1400	1200	1200	1000	900	800	800
Length (Ls)	4000	4000	4000	4000	4000	4000	4000	4000
Open area, min.	51%	53%	53%	53%	54%	54%	57%	56%

measurements in mm / weight in kg

*based on planks welded together

load capacity acc. to EN ISO 14122-2: 1,5 kN / 200 x 200 mm