



Technical data sheet

Drainage cross bar grate 7 x 7 mm



Manufacturer

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Product description

The drainage cross-bar grating 7 x 7 mm is a box gutter cover grating.

The grate is made of stainless steel (V2A).

Load class

The drainage cross-bar grating 7 x 7 mm is designed in accordance with load class A15 (*walkable*).

On request, the grating is also available for heavy-duty applications in accordance with class D400 (*trafficable*).

Grate dimensions

<u>Inlet width</u>	<u>Height</u>	<u>Bar thickness</u>
100 mm	20 mm	7 x 7 mm
140 mm	20 mm	7 x 7 mm
200 mm	20 mm	7 x 7 mm

The standard grating length is 1,000 mm in each case.

Special sizes are possible on customer request.

Inlet cross-sections of the grates

Inlet width 100 mm:	506 cm ² /m
Inlet width 140 mm:	715 cm ² /m
Inlet width 200 mm:	1.028 cm ² /m
Inlet width 250 mm:	1.289 cm ² /m



Slip resistance

The slip resistance of the grates corresponds to slip rating class R10.

Clear mesh size

The requirements of the German Social Accident Insurance (*DGVU-Information 208-007 Gratings - Selection and Operation*) are met. The clear mesh width must not exceed 10 mm to ensure safe walking and driving on.

Materials used

We use only European material from Germany, Sweden, France and Italy for our grates.

Material specification

Stainless steel V2A (1.4301)

Accessories

- corners, factory prepared
- grate locks made of stainless steel and hot-dip galvanised steel

Processing and care instructions

The grates can be cut to size. However, it must be ensured that the cutting medium (e.g. *saw blade, cutting disc, etc.*) is absolutely clean or does not contain any components of other metals, otherwise corrosion may occur. All interfaces (*hot-dip galvanised steel*) must be cold re-galvanised. In general, we recommend custom-made products ex works, as these are properly galvanised afterwards.

Dust particles of other metals or general cutting of components with flying sparks on the product are generally to be avoided. If dust particles or soiling of other metals are present, these must be removed immediately with appropriate cleaning agents.



The grates must not be cleaned with strong acids or bases, but by hand with a broom or, if necessary, with a high-pressure cleaner.

Further installation & usage instructions as well as information on the material can be found at:
<https://www.richard-brink.de/downloads/gesamtuebersicht.html>