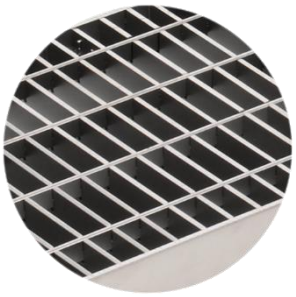
Technical data sheet

Heavy-duty gully gratings

Heavy-duty gully grating Hydra Linearis 7x7 mm



Heavy-duty gully mesh grating stainless steel

Heavy-duty gully mesh grating hot-dip galvanised steel

Manufacturer
Richard Brink GmbH & Co KG
Metal goods manufacture and distribution
Görlitzer Str. 1
33758 Schloß Holte-Stukenbrock
Phone: 0049 (0)5207 9504-0
Fax: 0049 (0)5207 9504-20

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Product description

The heavy-duty grating is a cover grating for a point inlet.

The grating is supplied in stainless steel (V2A) and hot-dip galvanised steel as a mesh grating and in stainless steel (V2A) as a bar grating.

Load class

The heavy-duty gratings are designed in accordance with load class C250 (trafficable).

Grating dimensions

Mesh gratings

Inlet dimension	Height	Mesh width
247 x 247 mm	40 mm	30 x 10 mm

Bar gratings

Inlet dimension	height	bar thickness
247 x 247 mm	40 mm	7 x 7 mm

Customised dimensions are possible on request.

Slip resistance

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

Material specification

Stainless steel V2A (1.4301) and hot-dip galvanised steel.

Clear mesh width

The specifications of the German Accident Insurance Association (DGVU information 208-007 Gratings - selection and operation) are fulfilled. The clear mesh width must not exceed 10 mm to ensure safe walking and driving on.

Materials used

We only use European materials from Germany, Sweden, France and Italy for our gratings.

Accessories

- Grating interlocks made of stainless steel and hot-dip galvanised steel

Processing and care instructions

The gratings 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, as otherwise corrosion may occur. All interfaces (hot-dip galvanised steel) must be cold galvanised. We generally 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 should generally be avoided. If dust particles or soiling from other metals are present, these must be removed immediately using appropriate cleaning agents.

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

Beware of contact corrosion:

Contact corrosion can occur with a material mix of stainless steel and hot-dip galvanised steel. We recommend not using a mix of materials!

Further information can be found at: https://www.richard-brink.de/en/downloads/overview.html