



Technical data sheet

Drainage longitudinal grating Hydra Linearis



Manufacturer

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Product description

The drainage longitudinal bar grating Hydra Linearis is a box gutter cover grating.

The grate is made of stainless steel V2A.

Load class

The longitudinal drainage grating Hydra Linearis designed in accordance with load class A15 (*walkable*).

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
160 mm	20 mm	7 x 7 mm
200 mm	20 mm	7 x 7 mm
250 mm	20 mm	7 x 7 mm

The standard grating length is 1,000 mm to 1,500 mm in each case. Special sizes are possible on customer request.

Inlet cross-sections of the grates

Inlet width 100 mm:	408 cm ² /m
Inlet width 140 mm:	599 cm ² /m
Inlet width 160 mm:	658 cm ² /m
Inlet width 200 mm:	920 cm ² /m
Inlet width 250 mm:	1.070 cm ² /m

Slip resistance

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



Grate locking

Grate locks are integrated into the product as standard.

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 access.

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, corner leg length 500 mm
- Stainless steel grate locks

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, as otherwise corrosion may occur.

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>