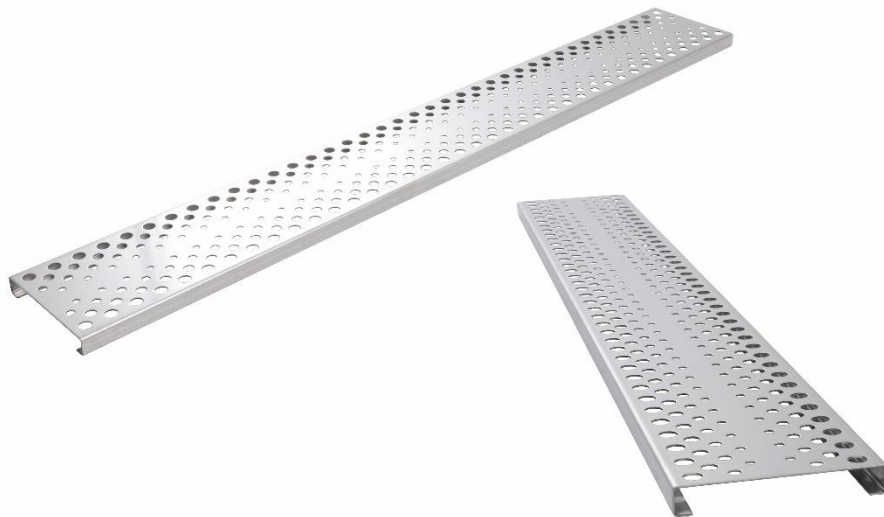




Technical data sheet

Perla drainage grate



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

Status: 02/22



Product description

Perla drainage gratings are cover gratings with perforations.

The gratings are available in stainless steel (V2A).

Load class

The drainage gratings are designed in accordance with load class A15 (*walkable*).

Grate dimensions

Inlet width	Height	Hole diameter	Hole proportion
100 mm	20 mm	5.0 - 10.5 mm	15,4 %
140 mm	20 mm	6.5 - 12.5 mm	16,4 %
160 mm	20 mm	6.5 - 12.5 mm	14,3 %
200 mm	20 mm	8.5 - 14.0 mm	14,9 %
250 mm	20 mm	8.5 - 14.0 mm	15,0 %

The standard grating length is 1,000 mm, up to 3,000 mm are possible in one piece.

Slip resistance

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

Clear mesh size

The requirements of the German Social Accident Insurance (DGUV-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)

The material thickness is 1.5 mm

Accessories

-corners, factory prepared

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>