



Technical data sheet

Gully mesh grate

Hot dip galvanised
steel



Stainless
steel



Manufacturer

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Product description

The gully mesh grate is a cover grate for a drainage gully.

The grate is supplied in stainless steel (V2A) and in hot-dip galvanised steel.

Load class

The gully mesh grate 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*).

Dimensions

Inlet dimension	Height	Bar thickness
250 x 250 mm	20 mm	30 x 10 mm
400 x 400 mm	20 mm	30 x 10 mm
500 x 500 mm	20 mm	30 x 10 mm

Special sizes are possible on customer request.

Inlet cross-sections of the grates

Inlet width 250 x 250 mm:	343 cm ²
Inlet width 400 x 400 mm:	877 cm ²
Inlet width 500 x 500 mm:	1.370 cm ²

Slip resistance

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

Material specification

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



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.

Accessories

- Stainless steel and hot-dip galvanised 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, 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/en/downloads/overview.html>