



Technical data sheet

Cast iron grates Prisma



Manufacturer

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Metal goods manufacture and distribution
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Product description

The Prisma cast grating is a cover for line drainage in heavy-duty applications. The fine-grained and homogeneous surface of the Prisma cast grating, with its interwoven, faceted surfaces, constantly refracts the light anew.

The grate is manufactured in cast iron and finished with a cathodic dip coating.

Load class

The Prisma cast grating is available for load classes B125 (*accessible*) and D400 (*truck-accessible*).

Dimensions

<u>Inlet width</u>		<u>Nominal dimension</u>	<u>Height</u>	<u>Colour</u>	<u>Inlet</u>
					<u>cross-section</u>
144 mm	DN 100	20 mm	Mica grey	128 cm ²	
194 mm	DN 150	20 mm	Mica grey	184 cm ²	

The standard grating length is 500 mm in each case.

Special sizes are possible on customer request.

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.



Rust fixation

Grate fixings in the form of clip fasteners are integrated in the product as standard.

Materials used

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

Material specification

Cast iron EN-GJS

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>