



Technical data sheet

Parking deck gutter PDR AF



Manufacturer

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Product description

The parking deck channel is an evaporation or drainage channel with an internal grate and laterally arranged connection flanges. At the customer's request, a stainless steel drain socket can be provided.

The installation height of the channel body is fixed, variable installation height is possible via the adjustable feet.

The cover (*grating*) can be designed either as a mesh grating, longitudinal bar grating or cross bar grating. You will find suitable gratings in our range.

The individual gutter elements are connected with connectors that are screwed to the gutter. Threaded pins for the screw connection are welded to the gutter body. Sealing is achieved with an EPDM seal, which is installed between the channel and the connector.

The gutters are screwed to the concrete floor or ceiling via the holes in the feet. The parking deck surface (*mastic asphalt, screed, synthetic resin*) is then installed and the channel is grouted with it.

Load class

The channel is designed in accordance with load class B125 (*car accessible*).

Dimensions

The gutter is supplied in three standard sizes.

Inlet widths:	101 mm, total width including flange 197 mm
	161 mm, total width including flange 257 mm
	201 mm, total width including flange 297 mm

Interior heights: 50 mm each

Installation heights of 62 - 92 mm are possible due to the height-adjustable feet. Other height adjustment devices are available on request.

The delivery lengths are 1,000, 2,000 or 3,000 mm. Special lengths are possible on customer request. The channel and the grates are made of stainless steel V2A. The material thickness of the channel body is 2.0 mm.



Accessories

- Connector with EPDM seal
- ends
- Spigot

Materials used

We use only European material from Germany, Sweden, France and Italy for our evaporation or drainage channels.

Material specification channel body and grate

Stainless steel V2A (1.4301)

Material thickness: 2.0 (*channel*) mm for load class B125 (*based on*)

Processing and care instructions

The drainage channels must also be laid in accordance with the waterproofing manufacturer's specifications (e.g. *bitumen manufacturer, sheeting manufacturer, etc.*) if necessary, and precautionary measures e.g. construction protection mats must be laid.

The drainage channels 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. In general, we recommend custom-made products ex works to prevent the problem of corrosion.

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 gutters must not be cleaned with strong acids or bases, but by hand with a broom or, if necessary, with a high-pressure cleaner. Regular cleaning is recommended.

Further installation & usage instructions as well as information on the material can be found under: <https://www.richard-brink.de/en/downloads/overview.html>