



## Technical data sheet

# Drainage heavy-duty channel Stabile Magna



### Manufacturer

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## **Product description**

The article drainage heavy-duty channel Stabile Magna is a box channel for heavy-duty applications with wall anchors. The cover (*grating*) is designed either as a mesh grating or longitudinal bar grating. Special gratings are available for heavy-duty applications.

The channel is designed in accordance with load class C250 or D400.

## **Dimensions**

The gutter is manufactured flexibly according to customer requirements.

The channel is available in stainless steel (V2A) and hot-dip galvanised steel.

The material thickness is 3.0 or 4.0 mm.

The standard channel length is 1,000 mm. One-piece lengths are possible up to 1,500 mm with sheet thickness 3.0 mm on request.

## **Materials used**

The channel is manufactured in stainless steel V2A (1.4301) or hot-dip galvanised sheet steel. We use only European material from Germany, Sweden, France and Italy.

## **Accessories**

The following accessories can be supplied:

- corner formations
- connector
- ends
- drain spigot



### **Important notes**

When installing on a sealed concrete slab (*balconies, roof areas*), a protective film (*made of suitable material, e.g. EPDM film*) must be installed between the gutter and the waterproofing membrane at least to the width of the gutter in order to permanently protect the waterproofing.

The channel body must be completely enclosed (*including the projecting grate supports*) in concrete of grade C20/25.

Our installation instructions apply.

### **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, 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.

Cleaning the gutters must not be done with strong acids or bases, but by hand with a broom or, if necessary, with a high-pressure cleaner.

If the gutter is used under canopies or roofing, it should be checked regularly for contamination and flushed as necessary, as only a little water is drained away and more deposits occur.

Further installation & usage instructions as well as information on the material can be found under:

<https://www.richard-brink.de/downloads/gesamtuebersicht.html>