



## Technical data sheet

# Drainage heavy-duty channel Stabile Magna



## Manufacturer

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## **Product description**

The Stabile Magna heavy-duty drainage channel with a fixed installation height is a box channel with integrated slotted holes (30x5 mm) for heavy-duty applications. The cover (*grates*) is designed either as a mesh grid or longitudinal bar grating.

Special gratings are available for the heavy-duty sector. The channel is designed according to load class C 250 or D 400.

## **Dimensions and material thickness**

The gutter is flexibly manufactured according to customer requirements.

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

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

The material thickness is 3.0 and 4.0 mm, respectively.

## **Materials used**

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

## **Accessories**

Corner training

Connector

Tails

## **Material specification gutter body and grate**

Stainless steel V2A (1.4301) or hot-dip galvanized steel sheet

Material thickness: 3.0 or 4.0 mm

## **Load class**

Sheet thickness 3.0 mm: based on class C 250

Sheet thickness 4.0 mm: based on class D 400



### **Important notes**

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

The channel body must rest completely on a concrete foundation. The gutter body (*including the cantilevered grate supports*) must be placed in drainage mortar.

Our installation regulations apply.

### **Processing and care instructions**

If necessary, the drainage channels must also be laid in accordance with the instructions of the waterproofing manufacturers (*e.g. bitumen manufacturers, film manufacturers, etc.*), and if necessary, precautionary measures, e.g. building protection mats, must be laid.

The drainage channels can be cut to size. However, it is important to ensure that the separating medium (*e.g. saw blade, cutting wheel, etc.*) is absolutely clean or does not contain any components of other metals, otherwise corrosion can occur. All interfaces (hot-dip galvanized steel) must be cold re-galvanized. In general, we recommend custom-made products ex works, as they are properly galvanized afterwards.

Dust particles of other metals or general cutting of components with flying sparks on the product should generally be avoided. If dust particles or dirt from other metals are present, they 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.

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

Further installation and usage instructions as well as information on the material can be found at:

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