Technical data sheet

Double-chambered fountain channels

Manufacturer

Richard Brink GmbH & Co KG
Metal goods manufacture and distribution
Görlitzer Str. 1
33758 Schloß Holte-Stukenbrock
Phone: 0049 (0)5207 9504-0
Fax: 0049 (0)5207 9504-20

Product description

Whether fountains, water features or fountain fields - the construction of fountain systems involves not only design but also functional aspects that can often only be fulfilled by customised channel designs for efficient collection, drainage or feeding into the water cycle. We offer you such solutions with our fountain channels.

Fountain fields in particular have to fulfil several requirements at the same time: Since, unlike conventional fountain systems, they preserve usable space for passer-bys and vehicles, for example in market squares, they must be able to withstand the corresponding loads caused by passing traffic. Our 'Lamina Magna' slotted channel is designed for a load class of C 250 to D 400 (based on EN 1433) and is usually made to measure for fountain projects; the slot width is then according to customer requirements. It should be noted that according to DIN EN 1253-1, the slot widths in the barefoot area may only be up to max. 8 mm.

We also offer special versions with two separate chambers below the discreet visible lines created by the slotted channels. While one chamber collects the water from the fountain circuit and feeds it back into the circuit, the second chamber collects rainwater from the area around the fountain and drains it separately.

Thanks to the tight connection of the EPDM joint, installation in well systems is possible without any problems and without on-site welding.

Materials

Stainless steel V2A

Material thickness: 3.0 mm

Standard length

1,000 mm

Load class

based on C 250 - D400

Nominal dimensions

DN 100 - DN 200 and customised sizes on request

Materials used

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

Product images

Chamber 1: Well circuit
Chamber 2: Precipitation

The solid stainless steel fountain channel can be driven over

A permanently tight connection is ensured

The difference in height separates well water from precipitation

Processing and care instructions

Dust particles of other metals or general cutting of components with flying sparks on the product should be avoided. If dust particles or soiling of other metals are present, these must be removed immediately using appropriate cleaning agents. Very fine metal particles in building materials can also lead to corrosion.

The well channels must not be cleaned with strong acids or alkalis, but by hand with a broom or, if necessary, with a high-pressure cleaner. If screw connections are included, they should be checked regularly for proper function and tightened if necessary.

Joints and seals should also be checked regularly for their condition and replaced if damaged.

Depending on the property, we recommend drawing up a plan specifying maintenance and cleaning intervals as well as the appropriate cleaning agents.

Our installation instructions apply. 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