



Technical data sheet

Cubo drainage channel

ERC - ERCMP - ERCML



Manufacturer

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Product description

The drainage channel with fixed installation height is a box channel with inwardly edged support legs. The construction height is fixed.

The cover (*grating*) is designed either as a mesh grating, longitudinal bar grating, cross bar grating, perforated plate or double slotted grating. All gratings from our range can be combined with the channel.

Load class

The channel is designed in accordance with load class A15 (*walkable*). Higher material thicknesses result in the load classes (*based on*) car trafficable (*2 mm*) and truck trafficable (*3 mm*).

Dimensions

The gutter is supplied in three standard sizes.

Inlet widths: 105/145/205 mm

heights: 50/80 mm each

The delivery length is 1,000 mm. One-piece lengths up to 3,000 mm are possible on customer request.

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

The material thickness for both materials is 1.5 mm or 2 or 3 mm, depending on the load intensity.

At the customer's request, all dimensions can be modified and supplied as custom-made products.



Accessories

- Corner formations
- Connector
- End pieces
- Drain socket

Materials used

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

Material specification channel body and grate

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

- Material thickness:
- 1.5 mm - walkable
 - 2.0 mm - car trafficable
 - 3.0 mm - truck accessible

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 fully encased in C20/25 grade concrete.

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 little water is drained away and more deposits occur.

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