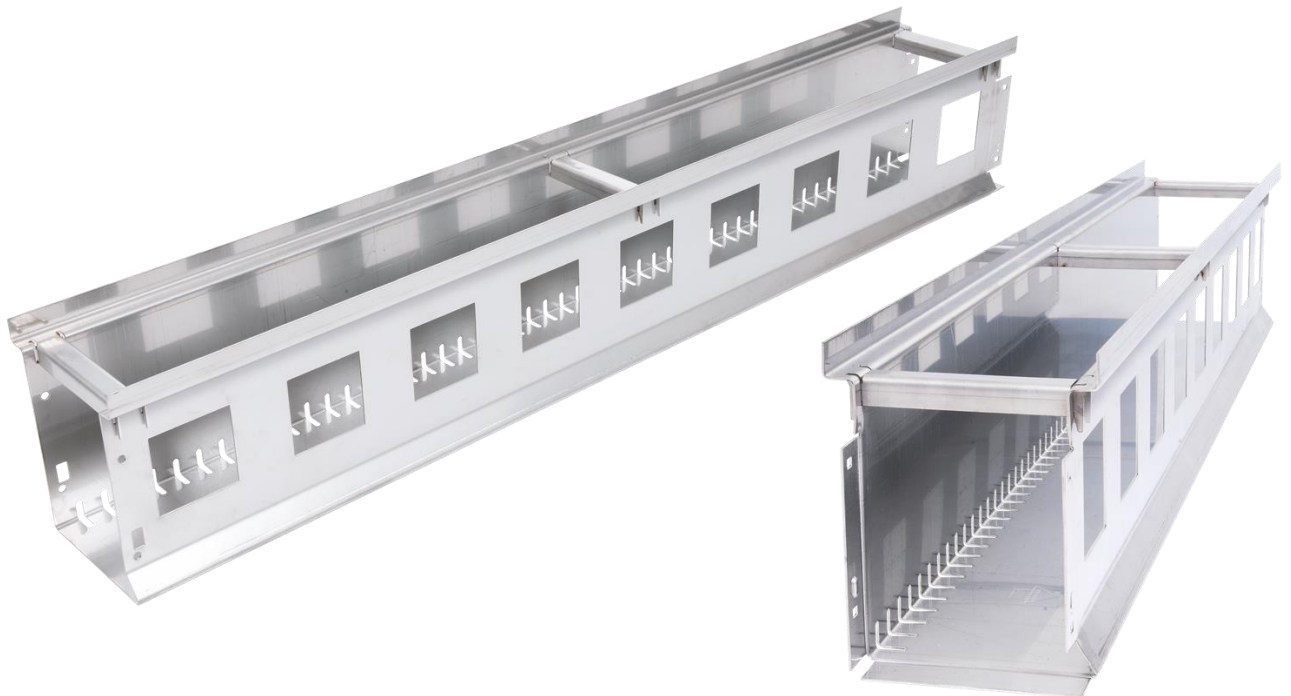




## Technical data sheet

### Facade gutter Stable Air



### 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

The Stabile Air façade channel is a rear-ventilated drainage channel for façade drainage based on load class A15 of EN 1433 (drainage channels). In accordance with DIN 68800 (wood protection in building construction), the Stabile Air façade channel is suitable for barrier-free transition. It can separate the dry base from the damp soil and absorb the precipitation water running off the façade.

The large ventilation openings and the distance to the wall due to the upper bend ensure sufficient ventilation of the respective wall section. Waterlogging between the gutter and the wall is thus avoided.

The distance also prevents capillary formation. Water cannot rise and damage the wall structure.

The load is transferred via the channel body, which is placed on a sufficiently compacted base layer.

Connectors are not necessary, as the channel is provided with plug-in connections at the factory. This makes installation and connection easy.

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

The material thickness in both materials is 1.5 mm.

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 according to load class A15 (*walkable*)

## Dimensions

The gutter is supplied in five standard sizes, each with two heights.

Inlet width: 100 mm Height : 170 and 300 mm

Inlet width: 140 mm Height : 170 and 300 mm

Inlet width: 200 mm Height : 170 and 300 mm

Inlet width: 250 mm Height : 170 and 300 mm

Inlet width: 300 mm Height : 170 and 300 mm

The delivery length is 1,000 mm. One-piece lengths up to 1,500 mm are possible on customer request.



At a height of 170 mm, the size of the ventilation openings is 6.3 x 6.3 mm, of which there are 8 per metre of channel. The total ventilation cross-section is 317 mm<sup>2</sup>.

At a height of 300 mm, the size of the ventilation openings is 6.3 x 6.3 mm, of which there are 16 per metre of channel. The total ventilation cross-section is 635 mm<sup>2</sup>.

The following corner designs are available:

Outside corner: Side length of the side facing away from the façade: 500 x 500 mm

Inside corner: Side length of the side facing the façade: 500 x 500 mm

Corresponding end pieces are available for all dimensions.

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

### **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.

When installing on a gravel base course, this must be sufficiently compacted to prevent subsequent settlement. The channel should be lined with suitable material after installation. Make sure that the set height does not change.

Our installation instructions apply.

### **Materials used**

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

### **Material specification channel body and grate**

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

Material thickness: 1.5 mm

### **Processing and care instructions**

If necessary, the façade gutters must also be installed according to the specifications of the waterproofing manufacturers (e.g. *bitumen manufacturers, foil manufacturers, etc.*); if necessary, precautionary measures, e.g. building protection mats, must be installed.



The façade gutters 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.

All interfaces (*hot-dip galvanised steel*) must be cold-galvanised afterwards. In general, we recommend made-to-measure 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.

Facade gutters should be visually inspected regularly (at least once a year) and checked for contamination and flushed as necessary, as only little water is drained and therefore more deposits can occur. If contamination is observed, especially from leaves, sand, coarse and/or fine dirt, which has the effect of reducing, restricting or preventing water drainage, these must be removed. This visual inspection should be carried out especially after the end of autumn.

For further information, see:

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