



Technical Datasheet

Raised bed Semira



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 "Semira" raised beds are prefabricated segments that ensure quick and uncomplicated assembly. The elements can be easily strung together by means of plug connections. The beds can be flexibly designed according to customer requirements using prefabricated segments, outer and inner corners. Radial raised beds can be combined with straight raised beds without any problems.

Dimensions

Stainless Steel (V2A)

Overall height	Support leg	Upper back edge	Material thickness	Recommendation
275 mm	155 mm	35 x 30 mm	3.00 mm	-
415 mm	185 mm	35 x 30 mm	3.00 mm	1 drawstring/Sikaflex*
500 mm	185 mm	35 x 30 mm	3.00 mm	1 drawstring/Sikaflex*
550 mm	185 mm	35 x 30 mm	4.00 mm	1 drawstring/Sikaflex*
700 mm	235 mm	35 x 30 mm	4.00 mm	2 drawstrings/Sikaflex**
900 mm	285 mm	35 x 30 mm	4.00 mm	2 drawstrings/Sikaflex**
1,100 mm	300 mm	55 x 45 mm	5.00 mm	2 drawstrings/Sikaflex**

Aluminium with recycled content of at least 55% (AlMg3)

Overall height	Support leg	Upper back edge	Material thickness	Recommendation
275 mm	155 mm	35 x 30 mm	3.00 mm	-
415 mm	185 mm	35 x 30 mm	3.00 mm	1 drawstring/Sikaflex*
500 mm	185 mm	35 x 30 mm	3.00 mm	1 drawstring/Sikaflex*
550 mm	185 mm	35 x 30 mm	4.00 mm	1 drawstring/Sikaflex*
700 mm	235 mm	35 x 30 mm	4.00 mm	2 drawstrings/Sikaflex**
900 mm	285 mm	35 x 30 mm	5.00 mm	2 drawstrings/Sikaflex**
1,100 mm	300 mm	55 x 45 mm	6.00 mm	2 drawstrings/Sikaflex**



Corten Steel

Overall height	Support leg	Upper back edge	Material thickness	Recommendation
275 mm	155 mm	35 x 30 mm	3.00 mm	-
415 mm	185 mm	35 x 30 mm	3.00 mm	1 drawstring/Sikaflex*
500 mm	185 mm	35 x 30 mm	3.00 mm	1 drawstring/Sikaflex*
550 mm	185 mm	35 x 30 mm	4.00 mm	1 drawstring/Sikaflex*
700 mm	235 mm	35 x 30 mm	4.00 mm	2 drawstrings/Sikaflex**
900 mm	285 mm	35 x 30 mm	4.00 mm	2 drawstrings/Sikaflex**
1,100 mm	300 mm	55 x 45 mm	5.00 mm	2 drawstrings/Sikaflex**

* Recommended for use from a total height of 415 mm

** Recommended for use from a total height of 600 mm

Custom-made products are possible upon request.
Lengths up to 3.00 m are available in one piece.



Materials used

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



Important notes

From an overall height of 415 mm, the use of drawstrings is recommended. The belts are screwed to the inner, opposite gusset plates. Only after assembly are the beds filled with soil. In addition, it is recommended to glue the joints with Sikaflex before filling. The glue point is between the gusset plate (*outside*) and the segment to be inserted (*inside*).

Depending on the granularity of the soil used, the installation of a fleece is recommended in order to completely prevent the soil from escaping at the joints of the individual components. Especially when using the raised beds on terraces, a fleece is unavoidable so that the soil cannot be washed out downwards, e.g. after heavy rainfall.

Accessories

For each material used, segments, outer and inner corners are available in all dimensions. The drawstrings recommended from a height of 415 mm are also available for all dimensions. The holes on the gusset plates are provided accordingly.

Processing and care instructions

In principle, caution is advised when processing raised beds in all materials.

Dust particles of other metals or general cutting of components with flying sparks on the product should generally be avoided, as the surfaces of all materials are very sensitive. If dust particles or dirt from other metals are present, they must be removed immediately with appropriate cleaning agents.

In order to maintain the external appearance of the raised beds in the long term, regular cleaning work is generally recommended. The raised beds made of stainless steel and aluminium can be cleaned by hand with suitable, non-abrasive cleaning agents. The raised beds made of Corten steel are carefully cleaned with a hand brush to preserve the rust patina that makes up the appearance.

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>