



Technical specifications

Modular Sol plant box (with base panel)



Manufacturer

Richard Brink GmbH & Co. KG
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Effective: 10/24



Product description

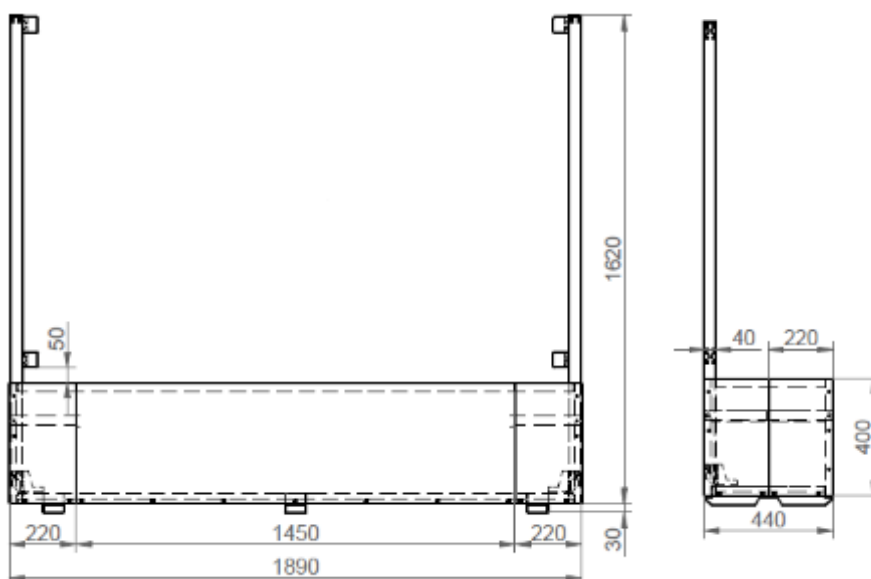
The Modular Sol plant box is the obvious choice if a privacy screen or wind break integrated with solar modules is required at the installation site. Made from 1.5mm-thick aluminium or corten steel, the boxes feature an integrated solar module with an inverter. The solar module can be installed in clamp mounts and is ready for use straight away thanks to its plug & play connection. The solar power storage unit can be monitored with a smartphone app.

Lining with Styrodur is also optionally available. The Modular Sol is available in the colours iron mica (*DB 703*) and traffic white (*RAL 9016*) as standard. However, it can also be finished in other RAL colours upon request.

Two separate stainless steel plates are fitted to each of the glass holders, transferring the load from the aluminium base to the stainless-steel plates. The glass holders are not coated. The plant box is supplied from the factory fully assembled, including panel and accessories.

Dimensions

Total height	Width	Length
1,650mm	440mm	1,890mm





Materials used

Our plant boxes are manufactured exclusively using European materials from Germany, Sweden, France and Italy.

As well as aluminium, the plant box can also be supplied in corten steel.

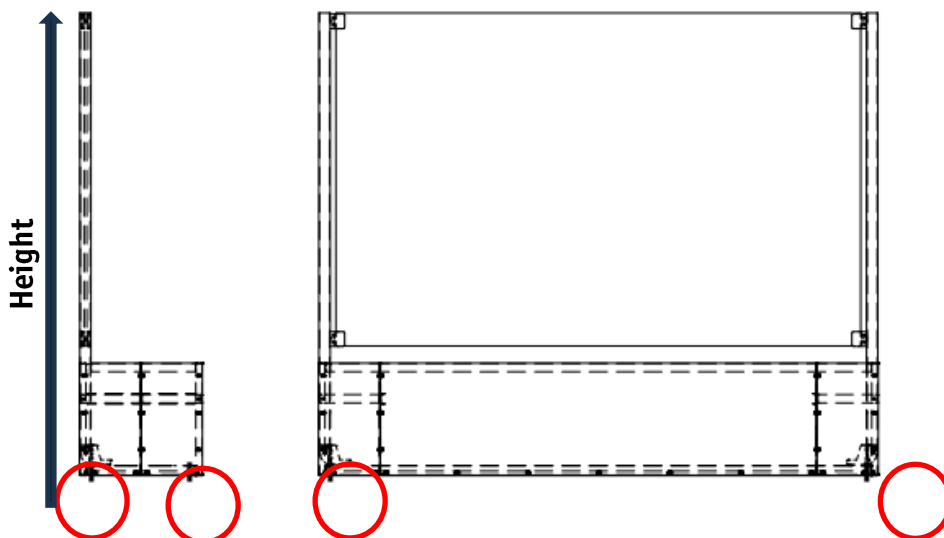
Corten steel is a weather-proof type of steel used in construction. Weathering causes an especially dense barrier layer to form on its surface under the actual rust layer. This barrier layer consists of firmly adhering sulphates and phosphates and protects the steel component from further corrosion. The corten-steel products are delivered in an uncorroded state. It can take up to six months for the rust to develop, depending on the weather conditions and location.

Please note

The plant boxes need to be screwed to ground if used in external locations with exposure to the wind.

This can be done using screws that can withstand a specific tensile load inserted in the holes on the underside of the plant box (*see illustration*).

Height	Tensile load capacity of the screws
1,650mm	6.01 kN / screw



The calculations apply to wind load zone 2.



Handling and care instructions

Plant boxes in any material should be handled with care.

Avoid allowing dust particles from other metals to come into contact with the product, or generally cutting components with flying sparks near the product, as the surfaces of all materials are very sensitive. If dust particles or contamination from other metals are present, these must be removed immediately using an appropriate cleaning agent.

Regular cleaning is recommended to protect the external appearance of the plant boxes in the long term. Plant boxes made from corten steel and stainless steel are to be cleaned by hand using suitable, non-abrasive cleaning agents.

You can find further installation and usage instructions as well as information about the material at:

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