

Product information



A privacy screen compatible with the energy transition

Richard Brink presents plant boxes with an integrated solar panel

Schloss Holte-Stukenbrock, 16/09/2024:

Richard Brink GmbH & Co. KG's Modular product planting-system range already offers customisable plant boxes that can be combined with a windbreak and privacy screen – the Modular Ventus version makes this possible. The innovation of the Modular Sol represents the next logical step: the metal products manufacturer now also fits solar modules to the products instead of the conventional clear or satin glass panel, transforming the classic plant boxes into a home solar-power unit.

For many years, Richard Brink has offered its customers varied solutions for a wide range of applications – from the garden to the roof. The manufacturer from Eastern Westphalia is now blazing new trails with the introduction of the Modular Sol, which unites greenery, a privacy screen and a windbreak with a green energy source in a single system.

Bespoke design

Since its launch, a defining feature of the Modular range from the Schloss Holte-Stukenbrock-based company has been its flexible configuration options. And this new product is no different, offering ample design scope for a range of tastes: for instance, the box plus solar mount can be manufactured with a thickness of 1.5mm in either corten steel or powder-coated aluminium. Standard coatings come in a choice of DB 703 (iron mica) or RAL 9016 (traffic white). Other RAL colours are available at the customer's request.

A clamp mount with stainless-steel plates at either end of the box secures the solar modules within the frame. The complete package, including a pre-

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installed 400-watt power inverter, is ready for use as soon as it is set up and connected to the power grid. Secure placement is guaranteed thanks to the weight of the greenery within the plant box. With a length of 1,890mm and a height of 1,650mm, the structure as a whole offers a privacy screen of more than 3m². The plant box is 440mm wide and 400mm in height. The 8mm-thick solar modules cover an area of around 2m², with an area of 1,766mm x 1,165mm dedicated entirely to energy generation.

Easily extendible

The Modular Sol range is modular by name, modular by nature: multiple boxes can be easily combined in a row or around a corner, meaning they can also be tailored to specific customer requirements and a range of uses. A technical box is used to connect the solar panels in series to generate a higher-feed-in into the power grid. Whether in the garden, on the terrace or on the balcony – with its innovative combination of greenery and solar, the new product is much more than a room-divider or windbreak – it also acts as a home solar-power unit with added visual appeal.

(ca. 2.900 Zeichen)

Richard Brink is a medium-sized family-run company from Eastern Westphalia, now managed by the second generation. Over its 45-year history, the company has established itself on the market as an expert in metalware production. From product development and construction through manufacture right up to advice and sales, the company manages and takes ownership of all processes in-house.

The product range comprises drainage and dewatering solutions, planting systems along with solutions for roof and wall areas, industrial applications, bathrooms and kitchens. Made-to-measure and custom-made products round off the comprehensive standard product range from the metal products manufacturer. Find more information at www.richard-brink.de.

Its sister company, Brink Systembau GmbH, is specialised in the trade fair and exhibition business and sells for instance flexible modular construction systems produced by Richard Brink GmbH & Co. KG. Additional products include fully back-lit LED illuminated walls or parcel lockers as a secure drop-off location for personal and commercial goods deliveries.

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