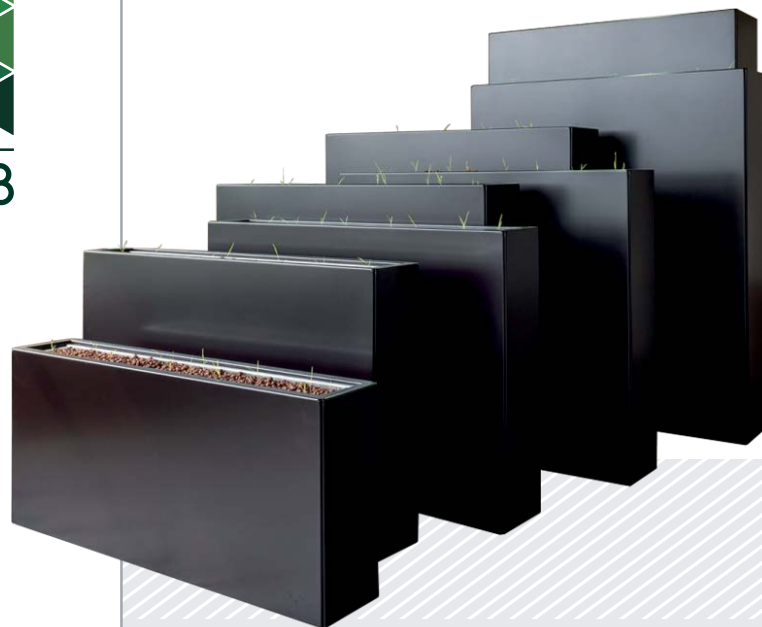




STEELAB



SBA - Planter with Removable Growing Container

Presentation

Assembled planter which external cladding receive one or more removable growing containers. The Steelab SBA range separates the "furniture" and "growing" functions of the planter to offer a host of functional possibilities. This makes it possible to limit the height of the soil and offer independent, manual handable elements without sacrificing the planter's apparent dimensions. French-made and bespoke manufacturing.

Description

The bottomless exterior cladding is made from powder-coated panels, assembled without welding. The top edge is folded and counter-folded, with a horizontal return to support the growing containers. Vertical reinforcements take the load right down to the ground.

The growing area consists of one or more independent, removable plant trays made from untreated galvanised steel. The height of the growing container is chosen independently of the overall planter height. It is made from assembled panels that are glued and riveted together. The top edge is finished with a fold and a counter-fold. The cladding panels are assembled in mitre at the vertical edges or positioned at the most appropriate points depending on the layout (side walls, rear corners, etc.). All fixing and locking components are concealed once the planter is assembled.

Materials

Robust and economical, Z275 galvanised steel is a particularly suitable solution for assembled planters, especially when the powder-coated cladding is separate from the growing area. The SBA range uses it in thicknesses of 2 to 3mm, depending on the dimensions.

Variations can be offered in Magnelis®, Corten®, Stainless steel or Aluminium where weight is an issue.

Finishes

The cladding panels are powder coated prior to assembly on the external faces and extended returns, by : Pickling / Epoxy primer / Polyester top coat.

Installation

The planters are delivered assembled and ready to install. However, if access is a problem, they can be supplied dismantled.

Installation is carried out on adjustable feet. Optionally, they can be supplied on castors, either visible or concealed. Floor anchoring can also be provided.

The available space within the planter frees up a technical area that facilitates the installation of watering lighting or drainage networks. As an option, a cover can replace a growing container in order to fully utilise this space.

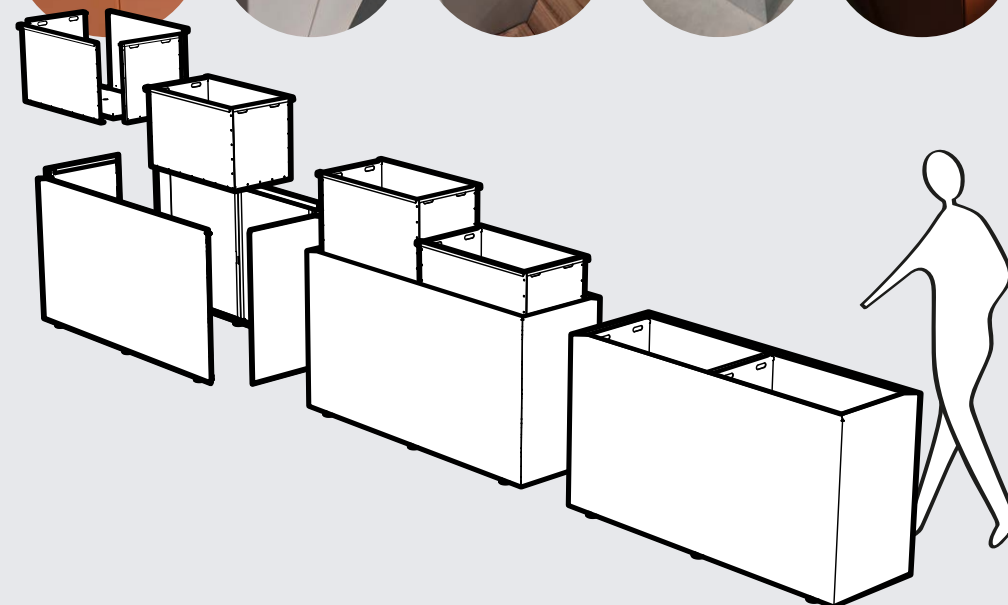
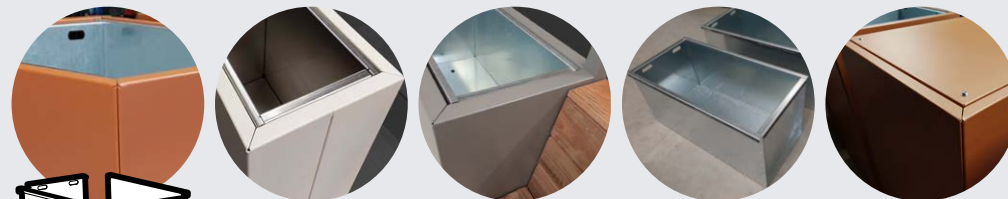
Water management

The planters are drained via an outlet hole fitted with a drip guard at the bottom of each growing container. As an option, a bulkhead fitting can be supplied, particularly to collect wastewater flows. Watertightness of the assemblies is ensured by bonding where required.

Various horticultural systems can be provided as options to ensure drainage and water reserve functions. The double walls naturally provide good thermal insulation for the growing area, limiting evaporation.

Vertical Drainage

We recommend implementing vertical drainage along the side walls as it provides benefits both for the planter and its growing area. Optionally, the planter can be pre-equipped with a high-performance drainage mat to ensure proper ventilation of the growing medium and to provide thermal and chemical separation between the plants and the lateral walls.



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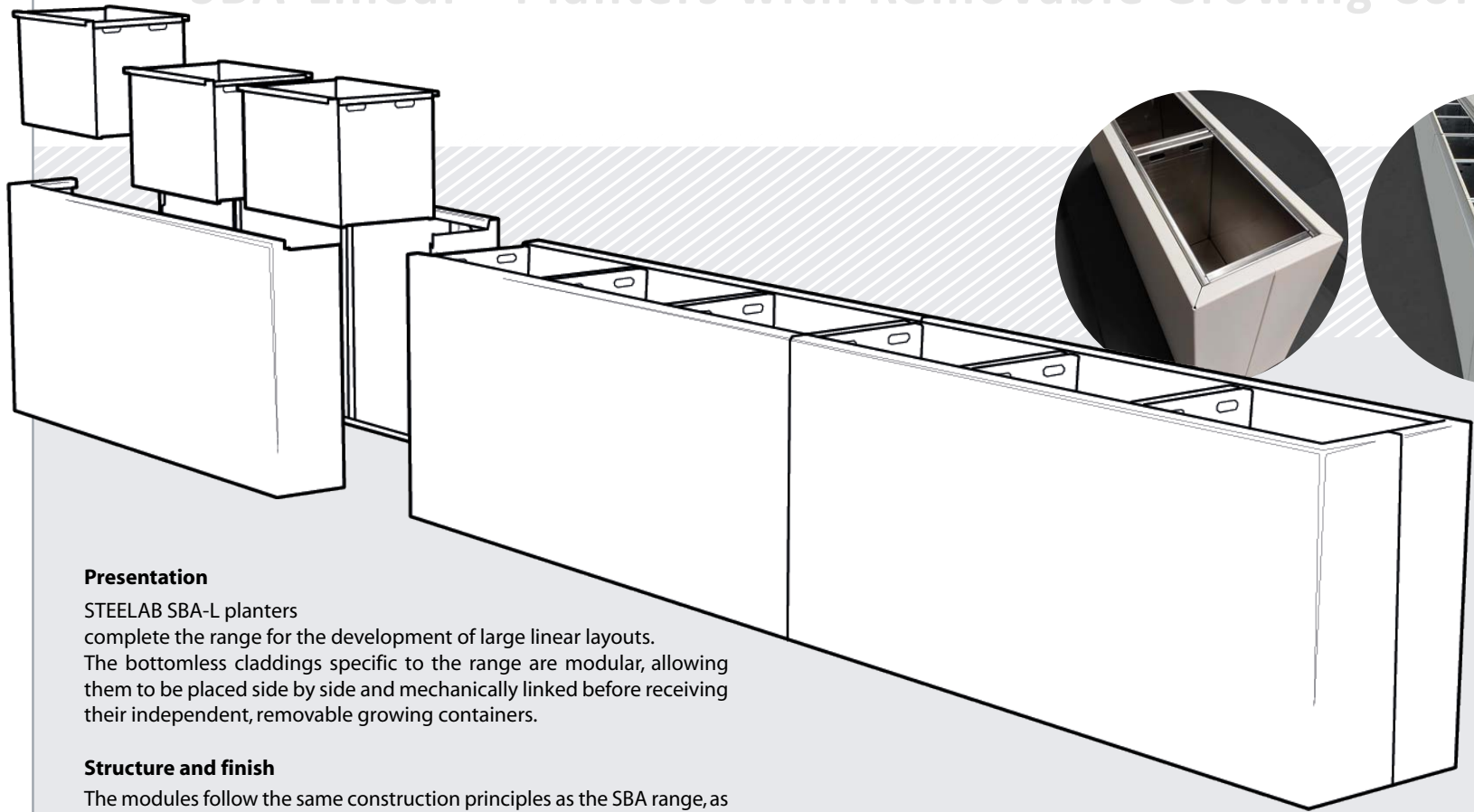
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SBA-Linear - Planters with Removable Growing Containers



Presentation

STEELAB SBA-L planters complete the range for the development of large linear layouts. The bottomless claddings specific to the range are modular, allowing them to be placed side by side and mechanically linked before receiving their independent, removable growing containers.

Structure and finish

The modules follow the same construction principles as the SBA range, as well as the same finishes, options and material variants.

Description and Operating Principle

Two types of bespoke modules are used to create linear arrangements :

- SBA-LE : end module with cladding connected on one side ;
- SBA-LC : central module with cladding connected on two sides.

Installation and Assembly

Without their growing containers, the installation of the cladding modules is straightforward. Fixing, alignment adjustment, routing networks and anchoring are all greatly facilitated.

Linearity and Continuity

The external claddings are adjusted to ensure visual continuity from one module to the next. Each unit can be dismantled or replaced independently, guaranteeing simple and rapid maintenance.

A Solution for demanding projects

The height and functionality of each growing container can be treated individually to achieve the most appropriate weight-to-planting ratio.

The SBA-L range is a unique, self-contained solution for creating fixed installations composed of removable, hand-portable elements, allowing easy inspection and control of watertightness.

The space available beneath the growing area can be advantageously used for the circulation of networks ; access covers can also be provided.



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