



Free your landscape design







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Committed Designer & Manufacturer

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OUR AREAS OF EXPERTISE UNITED AT THE SERVICE OF OUTDOOR LAYOUTS

ATELIER SO GREEN studies, sizes and produces products in line with your specific needs.

An activity ocused on three brands : Image'In / Steelab / CJCJ.

Different offers that share a common philosophy and resources.

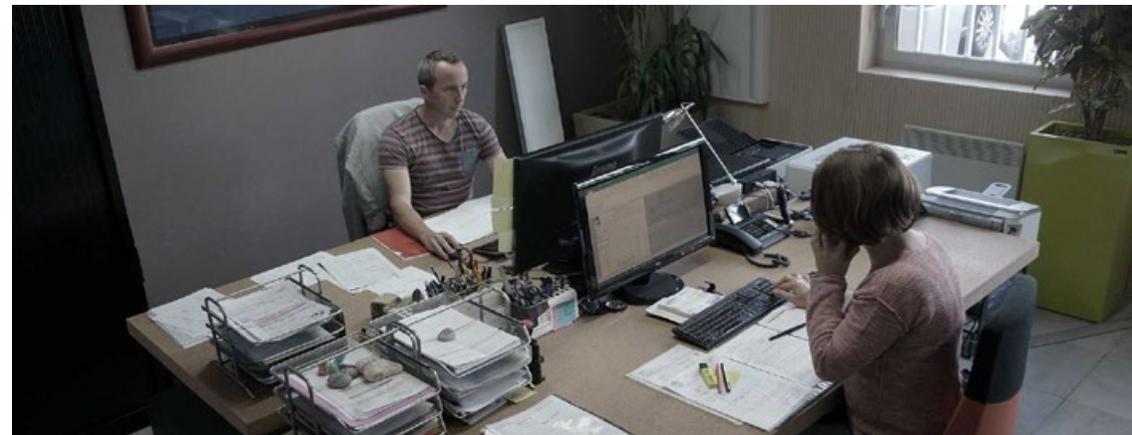


Ever since it was first set up back in 1984, the family-run limited liability company «Création Jean Claude Joly sarl» has been committed to studying and manufacturing urban fixtures to meet specific needs. The company has been developing technical lighting integration solutions since 1991 under the original brand **CJCJ**, thanks to its multi-skilled technical know-how encompassing fibre-cement processing, sheet metal work and the concrete and mirror trades among others.

In 2007, the company designed the **IMAGE'IN** range : Fibre-cement planters with a refined design for indoor and outdoor applications. This business has grown over the years, in particular with outdoor furniture associated with our planters : benches, garden chests, side tables, etc.

As part of our ongoing drive to broaden our product offering, we integrated a sheet metal activity in 2014. We have thus created a complementary range to the **STEELAB** brand.

These planters and sheet metal furniture are designed for more street furniture applications, large-scale projects requiring high production capacity, or to meet weight or volume requirements, or to provide very specific functionalities. In particular, this makes it possible to offer curved shapes that are not possible in fibre cement.



DESIGNER & MANUFACTURER
COMMITTED TO ENVIRONMENTAL AND SOCIAL QUALITY



Our workshop is a craft business guaranteeing 100% French manufacture.

Atelier so green is located in Touraine, in the heart of a region whose values we share.

Between rivers, vineyards and forests, nature and human activity live together with harmony.

We attach great importance to our skilled, local workforce and the use of top-of-the-range tools, guarantees of our employees' safety and the quality of our products.

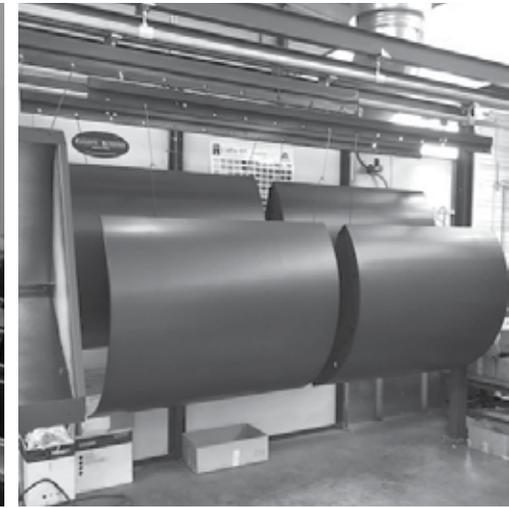
Our materials and accessories come mainly from France and from Europe.

SUSTAINABLE COMMITMENT

As part of our commitment to sensible consumption, we choose to use sustainable materials : aluminium, galvanised steel, stainless steel, corten, magnelis, etc. We also use two-component polyurethane paints and varnishes to ensure lasting quality.

We work to provide solutions that are aesthetically pleasing, sustainable and blend in with the environment.

Commitment is a founding value of the company, expressed from the outset by listening to the needs and expectations of our customers, as well as through our product design and manufacturing processes. It is this commitment that inspires all the company's initiatives.



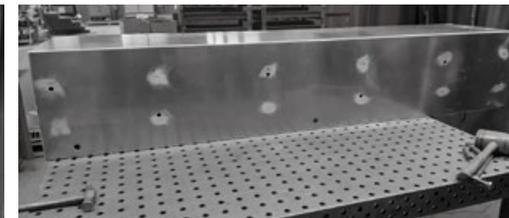
ENVIRONMENT

Our two-component polyurethane paints are equivalent to those used in the automotive sector : LOW VOC, guaranteeing a reduction in solvent emissions.

We do not produce any liquid paint waste ; all our leftovers are used to treat the inside of our fibercement planters.

We are committed to reducing off-cuts and use cutting optimisation software. Offcuts are reused or recycled.

Workshop waste is sorted and recycled through specialised channels.





MADE-TO-MEASURE MANUFACTURE

Because every project is unique, ATELIER SO GREEN is at your disposal to create a made-to-measure solution.

Backed by years of experience, technical skills and expertise in «Made in France» manufacturing, our workshop only produces to order and to your dimensions.

The choice is yours !

The ranges in our catalogue are an illustration of our manufacturing capabilities, without being a limit.

STEELAB products can therefore meet your most specific projects with the highest conditions of quality and service.

Our planters and furniture offer an unlimited choice of shapes, sizes, colours, finishes, functions and options.



STEELAB RANGES





STEELAB SAS - WELDED PLANTERS

The SAS planters are made to measure from 2 to 5mm thick aluminium, depending on the dimensions. Aluminium is naturally strong, light, rustproof and therefore durable, making it the best choice for sheet metal planters. Its widespread use in the horticultural sector is testament to this. Corten® steel and stainless steel versions are also available.

Aluminium allows great freedom of size and shape. Thanks to its flexibility and lightness, it can be used for large dimensions without problems of handling or floor flatness. The sheet metal also makes curves possible, offering a limitless choice of shapes.

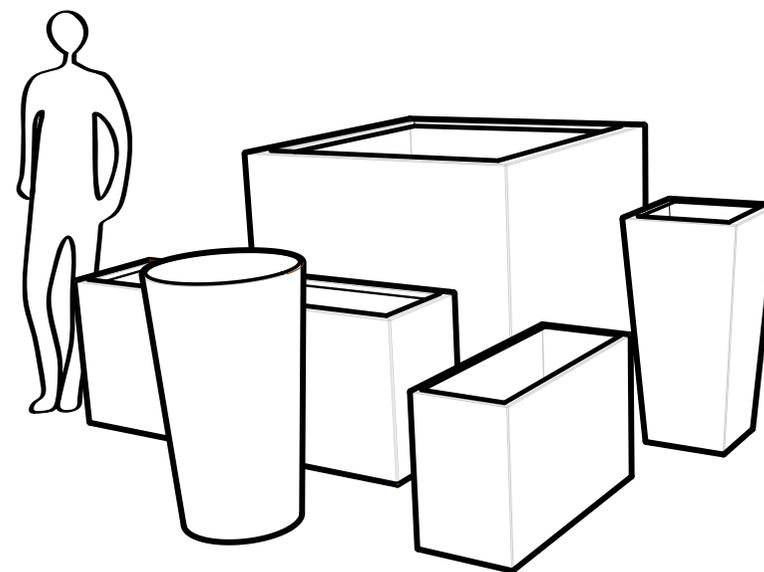
STEELAB SAS planters are MIG welded and sanded to finish before painting.

Two paint finishes are available, depending on the project and its technical constraints : Liquid paint or Powder coating.

Unless there is a specific technical or aesthetic choice, the upper field is treated with a double folded edge (fold and counter-fold) and with a single fold on curved shapes.

The load is distributed on anti-puncture pads hidden under the plant tray. The following options are available : sealing, handling castors, adjustable pedestals or feet.

Water management is via a draining bottom with overflow evacuation under the planter. In options : integration of horticultural systems with water reserve, watertight base, layout for passage of networks, etc.



STEELAB SAA - ASSEMBLED PLANTERS

STEELAB SAA planters are made up of panels assembled without welding to form a neatly finished monolithic planter with no visible fixing.

They are made to measure in 3 or 4 mm aluminium, depending on the dimensions. Aluminium is a naturally strong, light and durable material, making it an ideal choice for planters. Available in Z275 galvanised steel, Magnelis®, Corten® or stainless steel.

The base of the planter rests on concealed load-distribution pads. The side panels are supported and held by this base, without any contact with the ground. The side panels are joined in mitre or laterally, depending on the size. An EPDM foam gasket ensures that the connection is watertight.

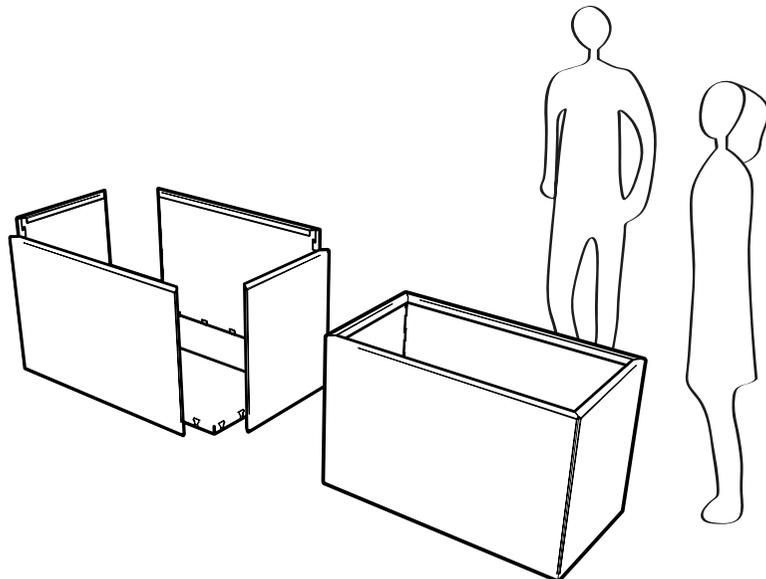
The top edge of the pan is folded and counter-folded. The bottom fold forms a slightly sloping hollow joint, directing water run-off to the underside of the planter.

The draining bottom allows the water overflow to drain away beneath the planter. As an option, various horticultural systems are available for drainage and water reserve.

Side panels are painted before assembly, on their outer faces and extended returns. Two options are available, depending on project requirements : liquid paint or powder coating.

The bins are delivered assembled. In the event of access problems, they can be delivered dismantled for on-site assembly.

As an option, it can be installed on adjustable pedestals / feet or on castors. These can be hidden or visible, as required.



STEELAB SAR - PLANTERS WITH INTEGRATED WATER RESERVE SAUCERS

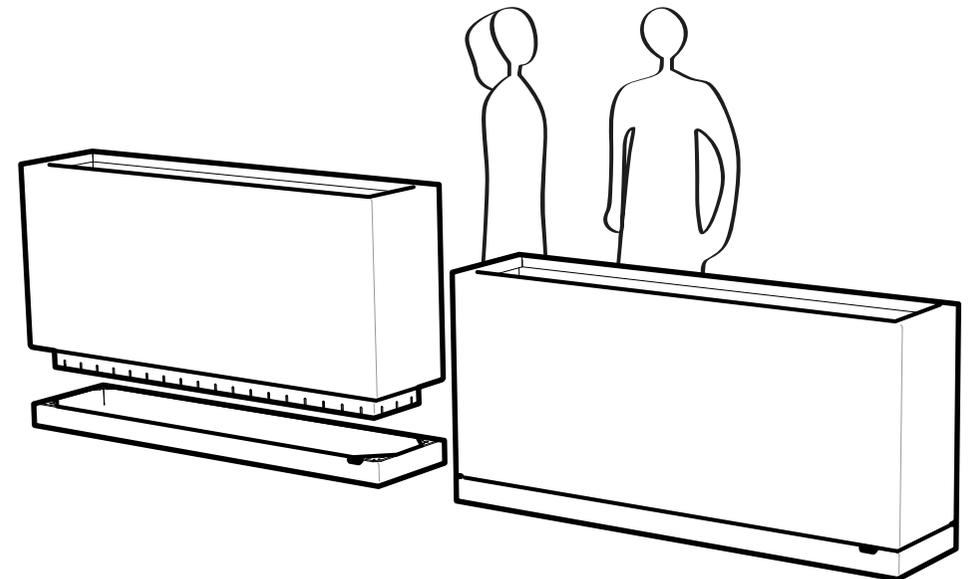
STEELAB SAR planters are made to measure and feature an integrated water reservoir. They are made from 3 to 5mm welded aluminium depending on the size; a naturally strong, light and durable material. Stainless steel version is also available.

The bottom of the planter forms a watertight saucer with a side overflow in the event of excess water. The side walls of the planter and saucer are positioned vertically one above the other. The bottom of the plant tray forms a recess that fits into the saucer. This internal part is perforated to create a permeable separation between the growing area and the water reserve. The top edges of the panels are folded and counter-folded. The fixings of the planter to its base are not visible. Aesthetically, the planter has smooth, uniform surfaces throughout its height, with a neat joint line between the two elements.

The two sub-assemblies are produced by MIG welding, sanded for finishing, then painted independently before being assembled. Two finishes are available, depending on the constraints of the project : Liquid paint or Powder coating.

It is laid on the ground with a distributed load, using support pads hidden under the base of the tray.

The water reserve consists of two zones. The peripheral part, isolated from the cultivation area, is left free to provide a high water storage capacity. The central part will be filled with aggregates and fitted with geotextile filters to form a water exchange zone between the growing substrate and the water reserve. The water accumulated during watering periods is then returned to the plantation in dry periods. Extending the drainage layer slightly above the water retention limit ensures good ventilation of the substrate whatever the water level in the saucer.



STEELAB SPA - PLANTERS WITH REMOVABLE PANELS

STEELAB SPA planters concept is a functional growing trays with removable finishing panels on the visible sides. They meet the most demanding operating constraints, while offering a sober, uncluttered design.

With no visual impact, the growing tray can be adapted to accommodate a wide range of functions. Its fixings are external to the planting area. They can therefore be removed to work on the plant's root system. Removable cladding offers a number of advantages for sites subject to management, upkeep and maintenance constraints.

Additional panels can be used for temporary customisation or to facilitate maintenance operations. Conversely, a single set of outdoor panels can be combined with several growing trays to provide a seasonal rotation of flowers.

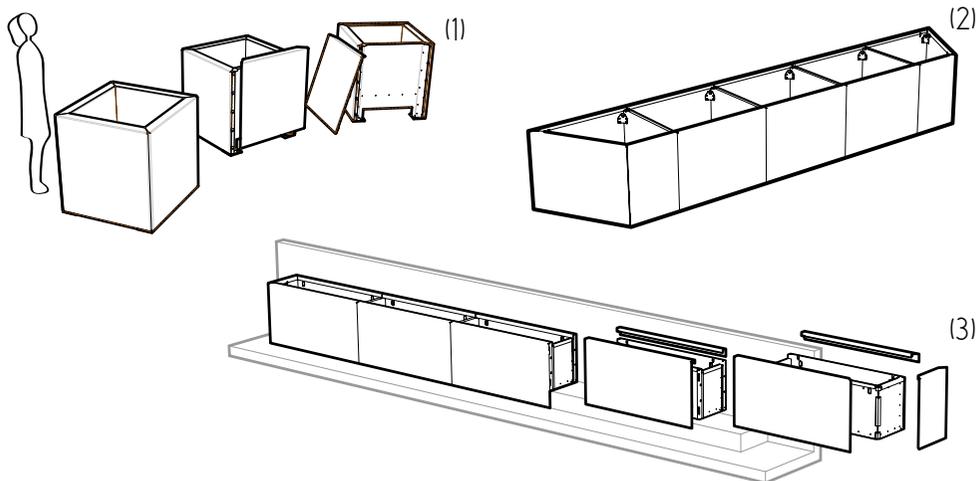
The growing tray consists of 2 to 3 mm thick raw galvanised steel panels, depending on the size, folded and then assembled using galvanised steel bolts. Rivets can be used to assemble small containers that cannot be dismantled. Additional gluing can be used to make the planter watertight. Anchors for guy wires are fitted to the 4 top corners.

The removable cladding panels are made of galvanised steel, folded and then powder-coated on the outside and extended returns. The top edge is finished with a fold and counter-fold that overlap the growing tray to cover it perfectly on all visible sides. A vandal-proof locking screw prevents inopportune removal. Robust and economical, Z275 galvanised steel is a good solution for assembled planters, particularly when the powder-coated cladding is separate from the growing area. Variations are available in Magnelis®, Corten®, stainless steel or aluminium if there are weight constraints.

Available as standard with adjustable pedestals and the option of handling with a pallet truck, other configurations are also possible : adjustable feet ; distributed load with anti-puncture pads ; or handling castors.

One or more drain holes with drip guards are located at the bottom of the planter. As an option, a wall feed-through can be provided to catch any dirty water. Various horticultural systems can be provided to fulfil the drainage and water reserve functions.

Finally, by forming a double skin, the cladding panels naturally insulate the planting area, thereby limiting the effects of solar radiation on evaporation.





STEELAB SBA - PLANTERS WITH REMOVABLE GROWING TRAYS

STEELAB SBA planters consist of an outer casing that can be fitted with one or more removable growing trays. This concept separates the «furniture» and «growing» functions of the planter to offer a wide range of functional possibilities. It is possible to limit the height of the soil and thus offer independent, manoeuvrable elements without sacrificing the visible dimensions of the planter.

The bottomless external cladding is made up of panels powder-coated on the outside and with extended returns, assembled without welding. The top edge is folded and counter-folded, with a horizontal return to support the growing trays. Vertical reinforcements take the load right down to the ground.

The growing area consists of one or more independent, removable trays made of 2 to 3 mm untreated galvanised steel, depending on the size. The height of the growing tray is independent of the height of the planter. The panels are assembled, glued and riveted together. The top edge is finished with a fold and a counter-fold. The trim panels are mitre-jointed on the vertical edges (1) or positioned in the most appropriate places depending on the layout: on the side walls (2), in the rear corners (3), etc. All the fixing and locking parts are concealed once the planter is assembled.

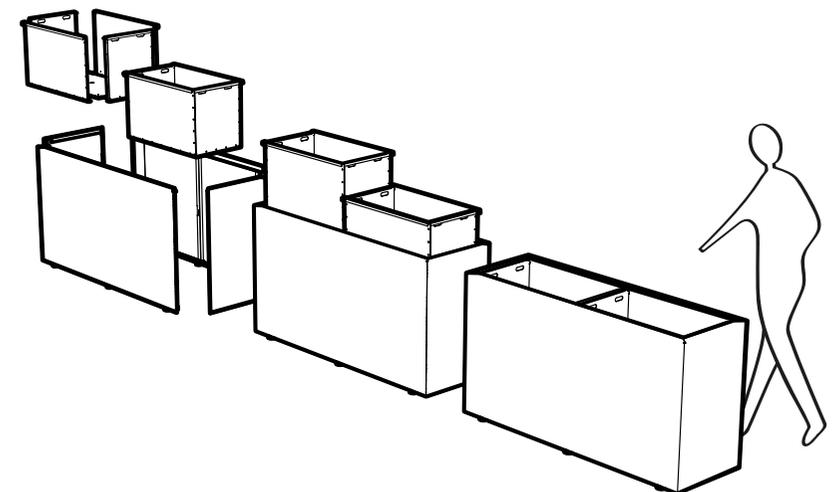
Robust and economical, Z275 galvanised steel is a good solution for assembled planters, especially when the powder-coated cladding is separate from the growing area. Variations are available in Magnelis®, Corten®, stainless steel or aluminium where weight is a major consideration.

It is installed on adjustable feet. As an option, it can be supplied on visible or concealed castors. It can also be sealed in place. The space available in the planter frees up a technical area that makes it easier to install watering, lighting and drainage systems.

Assemblies are glued watertight. The planters are drained via a drain hole fitted with a drip guard at the bottom of each growing tray. The diameter can be adapted to suit the installation. As an option, a wall feed-through is available to catch dirty water flow, for example. As an option, various horticultural systems are available offering good drainage and a water reserve.

The double wall provides good thermal insulation for the growing area, limiting evaporation.

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

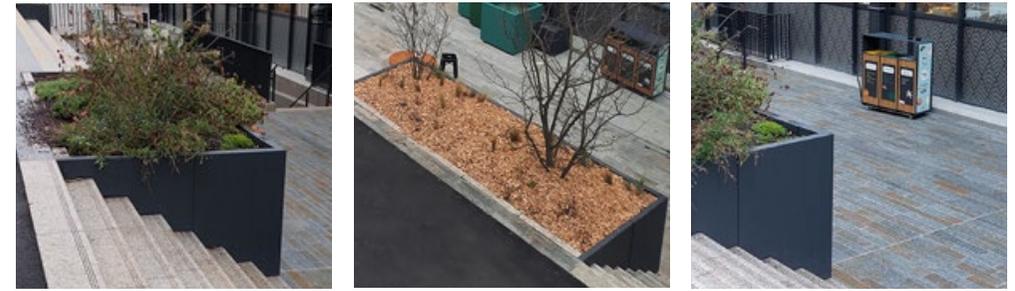


STEELAB SML - L-SHAPED RETAINING WALLS

The L-shaped walls in the STEELAB SML range can be used to create large bottomless planters.

They come in straight and angled sections to define the area to be planted.

SML is made to measure in 3 to 6mm thick aluminium, depending on the dimensions. Aluminium is a naturally strong, light and durable material, making it an ideal choice for planters. Corten® or stainless steel versions are also available.



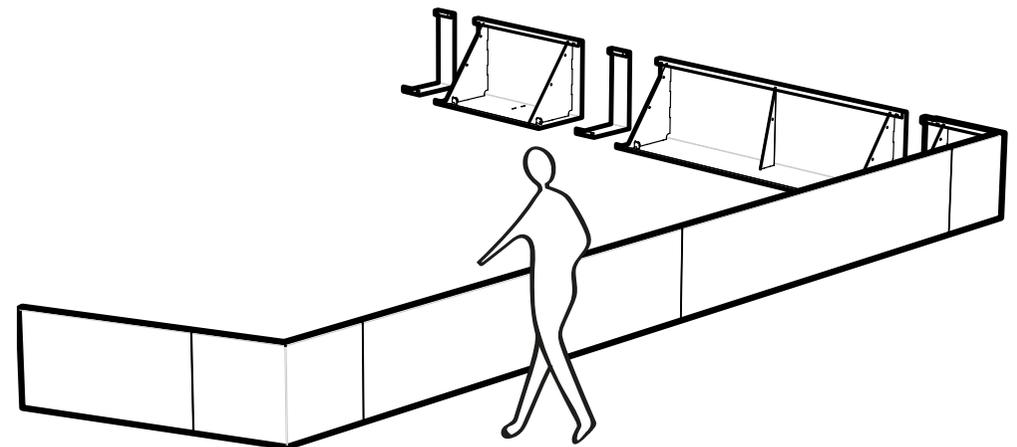
The top edge of each element ends in a fold and a counter-fold. The connection between each module is made on a straight edge of sheet metal, without a fold, by means of a joint plate. The fasteners are not visible on the external faces and are secured by means that avoid the risk of galvanic corrosion. Vertical ribs reinforce each element at the end and additional reinforcements are added to maintain the rigidity of long modules.

The facade of the L-shaped retaining wall is painted on all the exterior faces and on the interior returns in an extensive manner. Two finishes are available, depending on the constraints of the project: liquid paint or powder coating.

Retaining walls should be laid on a stable, level surface. A draining layer under the retaining walls will prevent any water run-off from being retained by the planter. A protective interlayer can be provided to prevent paint abrasion.

The joint plate ensures that the modules are aligned with each other, while absorbing the effects of thermal expansion, particularly over long lengths. This connecting piece allows each module to be dismantled independently for maintenance purposes.

To fulfil its soil retention function, the retaining wall can be self-stabilising or sealed. Self-stabilising installation requires a footing equivalent to the height of soil retained. When it can be sealed, this footing can be reduced but will be completed by frame braces joining opposing modules.



STEELAB SAS-COCC - WATERTIGHT GARDEN CHESTS

STEELAB garden storage boxes are made to measure in France, in the dimensions and colours you require.

Manufactured in aluminium, they can be made to any size. Thanks to its flexibility and lightness, this material can be used to create large storage chests without problems of handling or flatness of the floor.

The aluminium lid offers a lightweight, watertight closure solution. The dimensions can be adjusted for mixed use as a chest and bench.

The lid is mounted on invisible hinges when closed. The lid is held in the open position by a locking tab. The hinges make it easy to handle the lid.

As an option, the lid can be fitted with cylinders «SOP-VERIN». This option is particularly recommended for larger chests with heavier lids, to make handling easier and distribute the lifting thrust more evenly.

Also as an option, a key or code locking system can be added «SOP-CLE».

STEELAB garden chests are made from 3 or 4 mm welded aluminium, depending on the size. The welds are reworked to achieve an optimum finish, then painted inside and out.

The ground installation is made on weight distribution buffer (anti-punching).

As an option, it is possible to install on «SOP-RL» concealed castors or «SOP-PLOT» adjustable pedestals.

While the lid provides a watertight seal, the base of the storage box is perforated to ensure good ventilation and drain off any condensation. As an option, however, the base can be sealed for specific uses.



Long watertight XXL garden chests in 2 parts



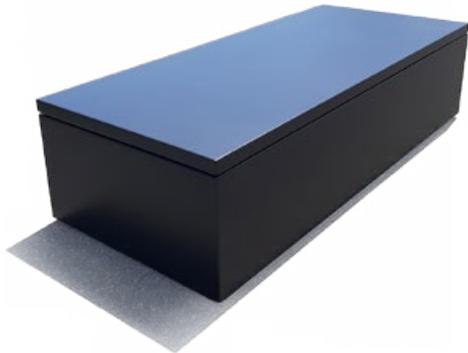
SOP-CLE



SOP-RL



SOP-VERIN



SPA planter with integrated table top in MOSO Bamboo



STEELAB - SPECIAL PRODUCTS

Watertight container with filtration grid for green wall



Customisation by laser cutting

Planters made up of cylindrical sections built into one another



Tamper-proof key for locking and removing the ashtray

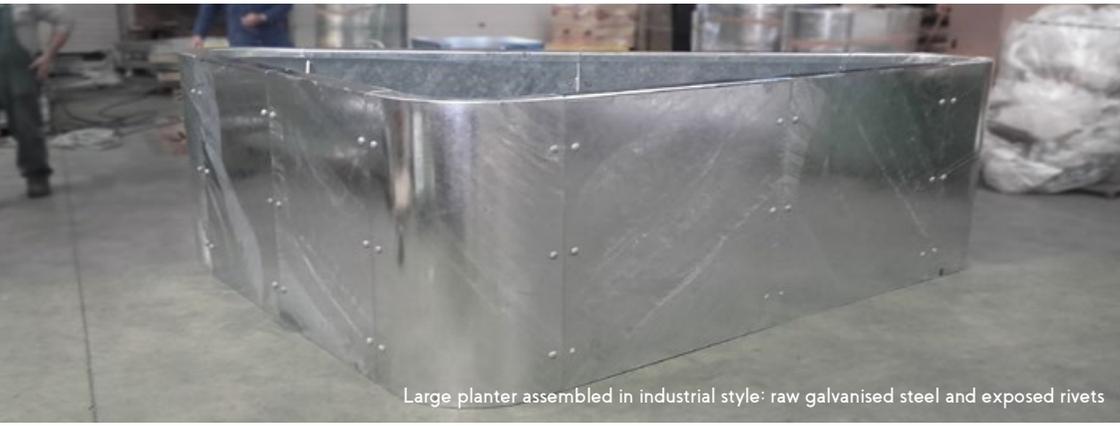


Planter on castors with pivot forming a flap door



Planter with seat and integrated ashtray

Large planter assembled in industrial style: raw galvanised steel and exposed rivets



Specially developed planters for installation on existing railings with concealed fixings.



Receiver with stainless steel grid for installation at the foot of a tap



Geometric set made up of plant containers juxtaposed and with low-slung side walls

STEELAB - SPECIAL PRODUCTS



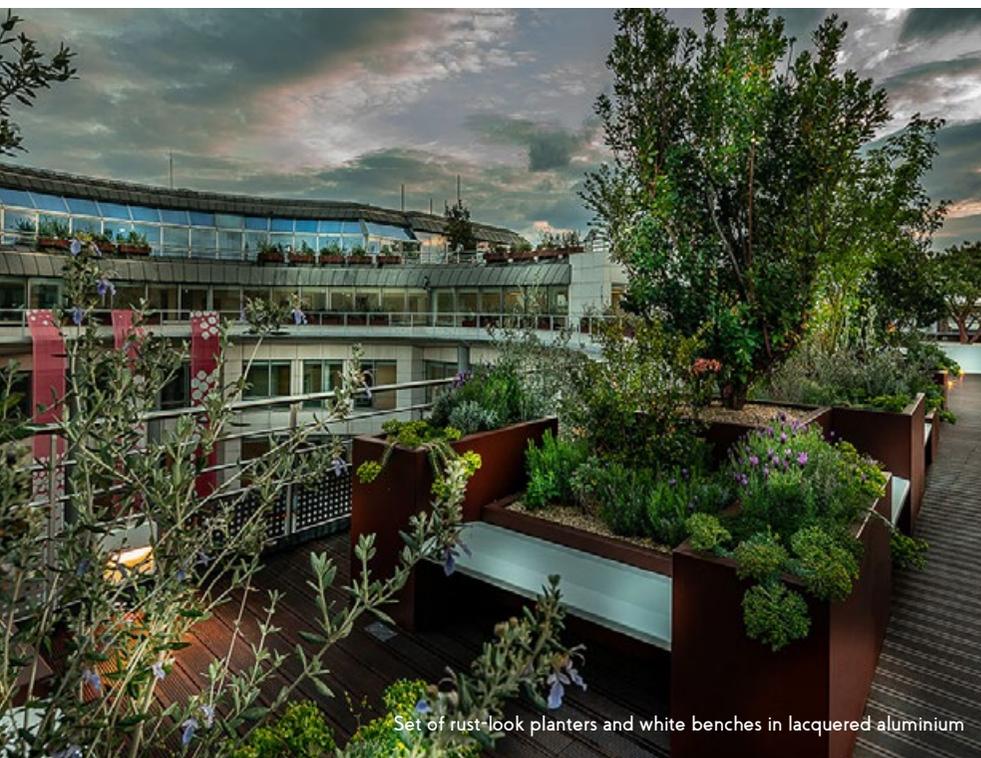
Lacquered sheet metal bench and seat in exotic wood slats



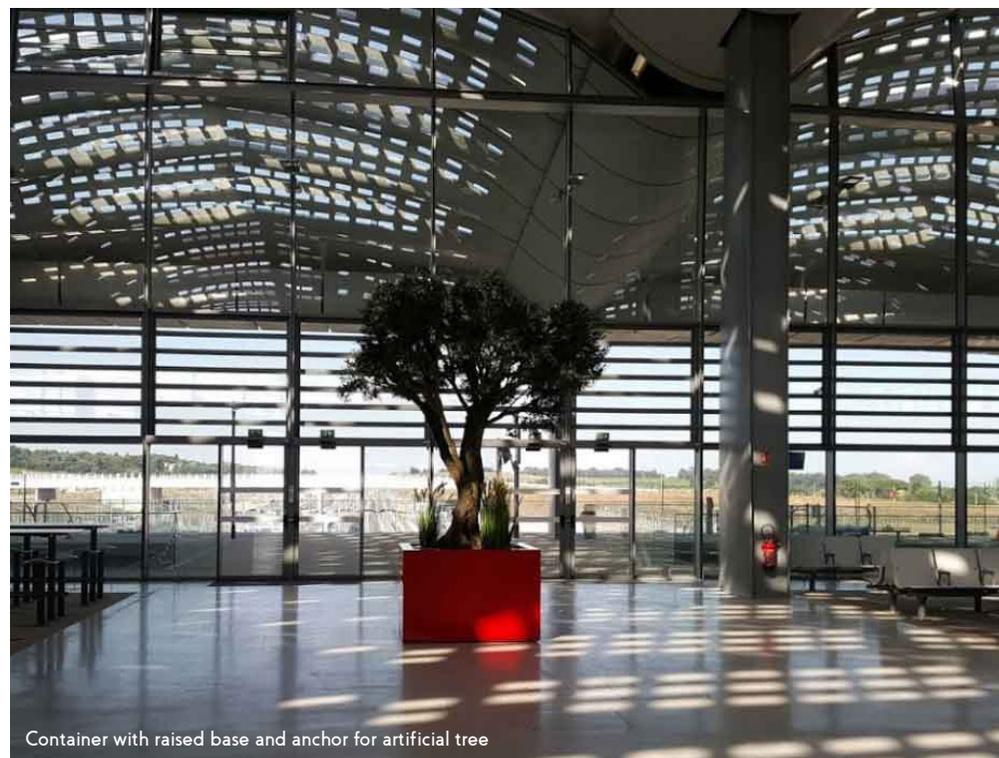
Set of planters with structure for climbing plants, exotic wood bench and special letter box for parcels



XXL cylindrical planters forming small shelves



Set of rust-look planters and white benches in lacquered aluminium



Container with raised base and anchor for artificial tree

COLOURS AND FINISHES IN LIQUID PAINT

High Performance Epoxy Primer + Two-component Polyurethane Paint and Varnish.

Liquid paint offers a high-quality, long-lasting finish (UV-resistant). It has the advantage of great flexibility in the choice of colours and finishes.

COLOURS

We provide all shades of the RAL standard colour chart
Other shades possible on request, by colour matching your sample.

**Warning : The depiction of the colours on the screen or on the print outputs is not always true to reality.
It is better to consult a paper standardised colour chart.**

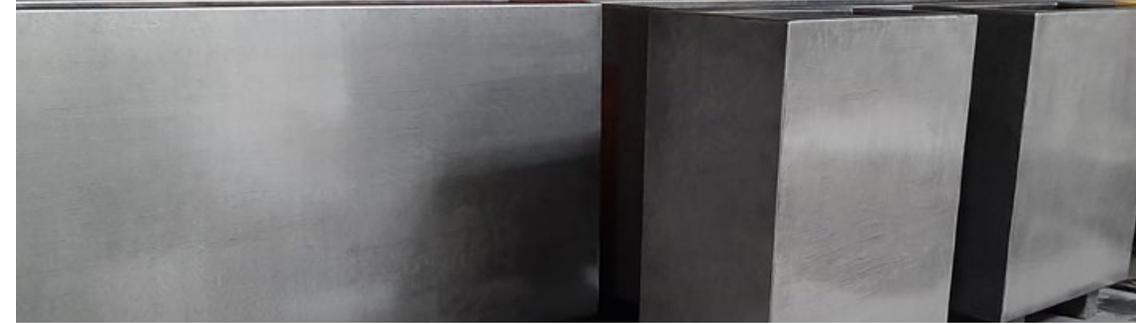
FINISHES

Choose your varnish in finish : Matt Satin, Gloss or Micronised (also called Sanded).



Option - Zinc patina
SOP-PZC

Hand-finished shine imitating the appearance of zinc ; with satin finish (other on request).
These patina being the result of the applicator's labour, they will vary endlessly and it will never be possible to reproduce them exactly. The photos displayed on our sites and in our catalogues are just a rough guide.



COLOURS & FINISHES IN POWDER COATING

Powder coating is a technique specific to sheet metal that we offer as an alternative to our liquid paint finishes. It offers the advantage of good scratch resistance, making it the ideal finish for street furniture applications.

COLOURS

We offer all the colours on the standard RAL colour chart.
Some specific colours (*), outside the RAL colour chart, are also available on request.

There is a wide choice of colours, but the feasibility of certain more difficult-to-supply shades will depend on the surfaces and quantities to be treated. Please contact us for further information.

FINISHES

Choose your finish: Matt, Satin, Gloss or Micronised (also known as «Fine Structure»).

Powder coating can also be used to create specific finishes such as :

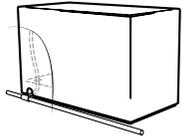
(*) MARS2525 - Rusted appearance

A «rusted» finish without the inconvenience of CORTEN® steel, which can stain floors.



OPTIONS

Depending on the product range, all options may not be compatible, or they may be offered as standard in some ranges. Please contact us.



PERFOS

Provisions for the passage of watering and lighting networks.
On demand, we can adapt the planters to suit your needs:
perforations, cut-outs, watertight rising, etc.

Horticultural Systems

SOP - SH

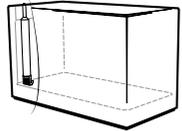
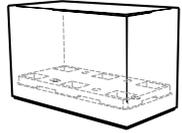
Reserve 5L/m² - Expanded Polystyrene sheet - 40mm thick

SOP - SH40

Reserve 8,7 or 16L/m² depending on direction of installation - Recycled HDPE sheet 40mm thick

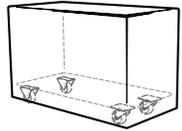
SOP - SH60

6cm of reserve approx. 23L/m² filled with aggregate - Recycled HDPE sheet - 60mm thick



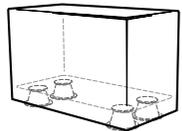
Water level indicator : SOP - INE

Suitable for indoor planters with a watertight base, or outdoor planters with an integrated water reserve saucer (SAR range), or with the option SOP-SH60.
The float indicates the water level at the bottom of the pot to control watering.



Fitting on handling castors : SOP - RL

Concealed under the planter, the castors are invisible (except visible braked castors option). They allow the planter to be moved occasionally.



Fitting on adjustable PVC pedestals : SOP - PLOT

For plumb installation with distributed load. Allows water to circulate under the planter and also to adjust the alignment of plant containers laid in linear.
Suitable for planters ≥ 40cm wide.
› Offered as standard in the SPA range.

Fitting on adjustable feet : SOP - PR

For sloping floors or as a replacement for the SOP-PLOT option on planters <40cm wide.
› Offered as standard in the SBA range.



SOP-TEL



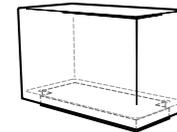
SOP-RL



SOP-SH

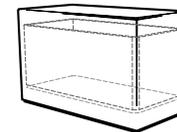


SOP-SH60



Installation on XPS panel : SOP - PSX

Extruded polystyrene load-distribution pads.
Prevents punching when installed directly on waterproofing.
› Offered as standard in the SAS and SAA ranges.

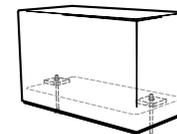


Insulating of vertical walls : SOP - ISOL

By its very nature, sheet metal has a high heat exchange coefficient. Vertical wall insulation may be recommended in regions with high levels of sunshine.
› Double-skinned solutions from the SPA or SBA ranges offer good thermal insulation thanks to their design.

Drainage of vertical walls : SOP - DPV

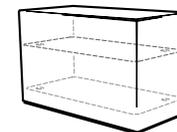
Draining interface to isolate the planter walls from the growing zone, preventing interaction with this aggressive environment. It provides mechanical protection and creates an air space over the entire surface of the tray, limiting heat exchange and promoting aeration of the substrate.
› Recommended on all sheet metal planters for improved longevity.



Holes for anchoring : SOP - TES

Holes for side fixing : SOP - TEL

For fixing planters to each other or to the wall.
› Please note that even when sealed, our products are «furniture». They cannot be considered as constituent part of a building.



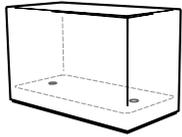
Reduction in useful height : SOP-PSE

Allows the usable height to be reduced by filling the interior with expanded polystyrene. Solution proposed for ranges where it is not possible to raise the base : SAS & SAA.
› Not required in the SAR range.



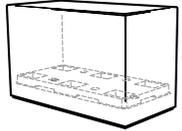
SOP-PLOT

WATER MANAGEMENT



Draining base

Perforated bottom for drainage of excess water under the plant tray.
Ensures good drainage of rainwater and watering water, as well as ventilation of the root ball. An ideal balance for outdoor planters.

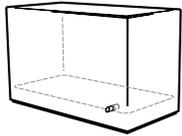


Water reserve with Horticultural System Option

Allow to create a water reserve integrated into the drainage layer. This solution provides a simple, versatile water reservoir with no aesthetic impact, while ensuring good ventilation. Drainage of water overflow under the planter.

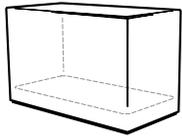
Water reserve with integrated saucer - See SAR range

A watertight saucer ensures a large water reserve capacity until overflow.
The product is designed to maintain a ventilated drainage layer while ensuring exchange with the wetland.



Evacuation to a bulkhead feedthrough

Watertight bottom with targeted overflow drainage via a bulkhead feedthrough.
This solution makes it possible to control dirty water drainage by connecting to a network. With or without water reserve.



Watertight base

To prevent dirty water from being discharged when used indoors.
Can be fitted with a Water Level Indicator to control watering.



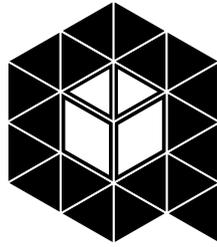
Photo credits

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Edition

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www.ateliersogreen.com

contact@ateliersogreen.com

T - 33 (0)2 47 65 13 62

Création Jean Claude Joly sarl
9. rue Allaire - ZA la Canterie
37800 Ste Maure de Touraine
FRANCE