

Custom Planters

MERISTEM

DESIGN

Turning the grey green®

Turning the grey green[©]

At Meristem Design, we create bespoke green solutions for business, public and residential areas. We deliver custom sustainable projects that place nature at the forefront to bring benefits to people, communities and the environment.

From project inception through to aftercare, we provide high-quality services such as:



Design



Fabrication



Delivery



Installation



Planting



Maintenance



To find out more go to meristemdesign.co.uk

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Custom Planters

Bringing vibrancy and life, planters help brighten up urban areas and complement streetscapes. They create a more welcoming atmosphere in public spaces, making them more inviting to residents and visitors.

Our planters can be custom made to any shape, size or colour and they can be designed to fit in around existing street infrastructure. Bespoke planters can also include seating.

We design, fabricate and install planters in a wide range of materials including; powder coated steel, metal, galvanised steel, hardwood, weathering steel, timber, softwood and more.



METAL PLANTERS

Meristem designs, fabricates and installs a wide range of planters in different shapes, sizes and materials.

Our planters bring vibrancy and life to dull spaces.

This document details just some of the planters we design and install. For bespoke requirements contact us today.





GREEN SCREEN PLANTERS

We supply and install planters with green screens which are available in many different species. Our instant green hedging screen provides a natural privacy screen for any garden, landscape or commercial project. and are a fantastic way of creating outdoor dining spaces, partitioning areas, greening up building, sites and much



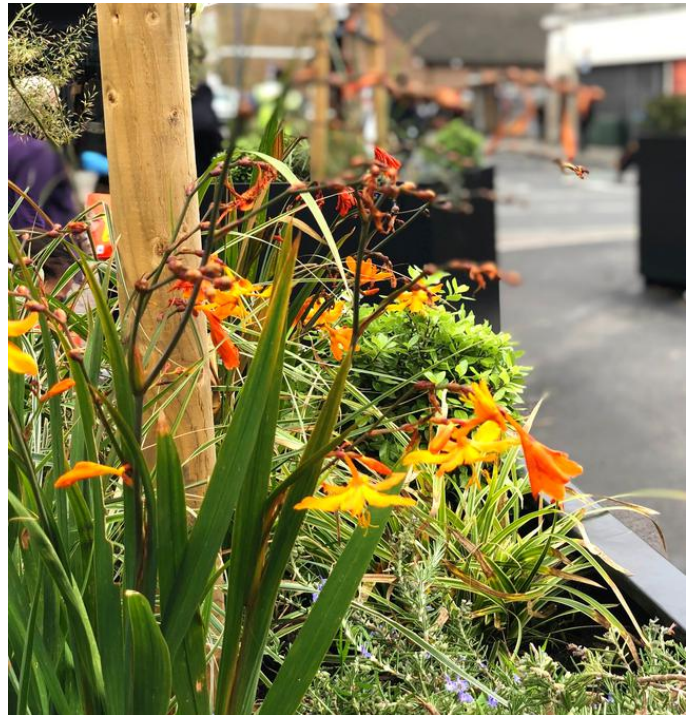




TREE PLANTERS

Tree planters come in a range of sizes and can have watering systems installed, tree stakes and tree anchoring systems.

Planters are available with lifting hooks or risers so they can be moved around with HIAB vehicles or forklift trucks.







TREE PLANTERS

Available in multiple shapes and sizes, these planters can accommodate established tree's up to a height of 4-5 meters.

The planters feature integrated tree hooks to strap down larger trees for safety. Sapele hardwood battens create a comfortable bench which can wrap around part or the entire planter.

The benches are removable for storage or removals and the planters have integrated risers designed in for moving with a telehandler or fork lift. The planters are available in standard RAL colour powder coating or specialist metallic powder coating.



WEATHERING STEEL

Meristem's planters are available in a weathering steel option, otherwise known as Corten Steel.

Weathering steel offers a sophisticated, industrial look which contrasts amazingly with vibrant green planting!

Weathering steel is a group of steel alloy which was developed to eliminate the need for painting and form a stable rust-like appearance after exposure to the elements.





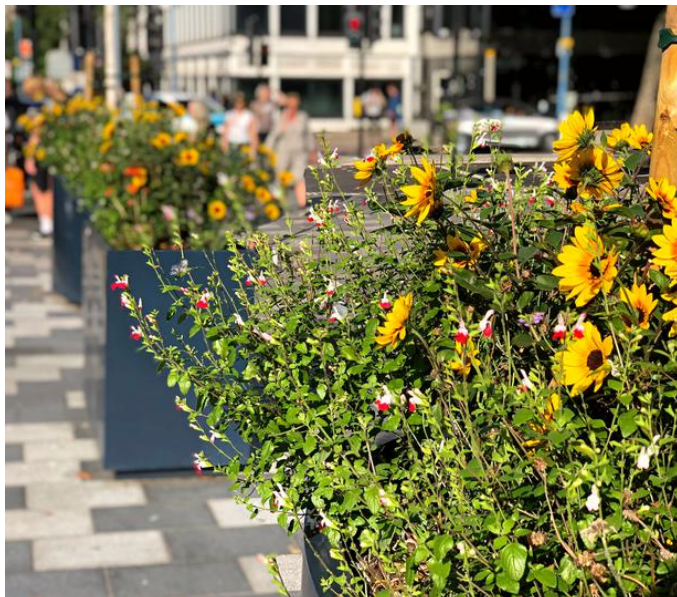


HIGH STREET PLANTERS

Available in a range of shapes and sizes, these planters are designed to fit in around existing street infrastructure.

The planters include risers on the base which allows them to be moved as and when required.

High street planters add much needed greenery to harsh urban environments and offer a simpler and more cost effective solution than tree pits and other invasive methods of installing trees in built up areas.



POWDER COATED PLANTERS WITH HARDWOOD SEATING







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LAMP COLUMN PLANTERS

Available in a range of shapes and sizes, these planters are built to go around existing furniture or items in the street-scape. The planters are suitable to be installed around bollards, streetlamps and electrical feed points.

Access hatches and panels can be designed into the planters to ensure that when required, relevant engineers can get access to the lamp column or feed point.

Branding can be added with vinyl lettering and high definition large format printing.





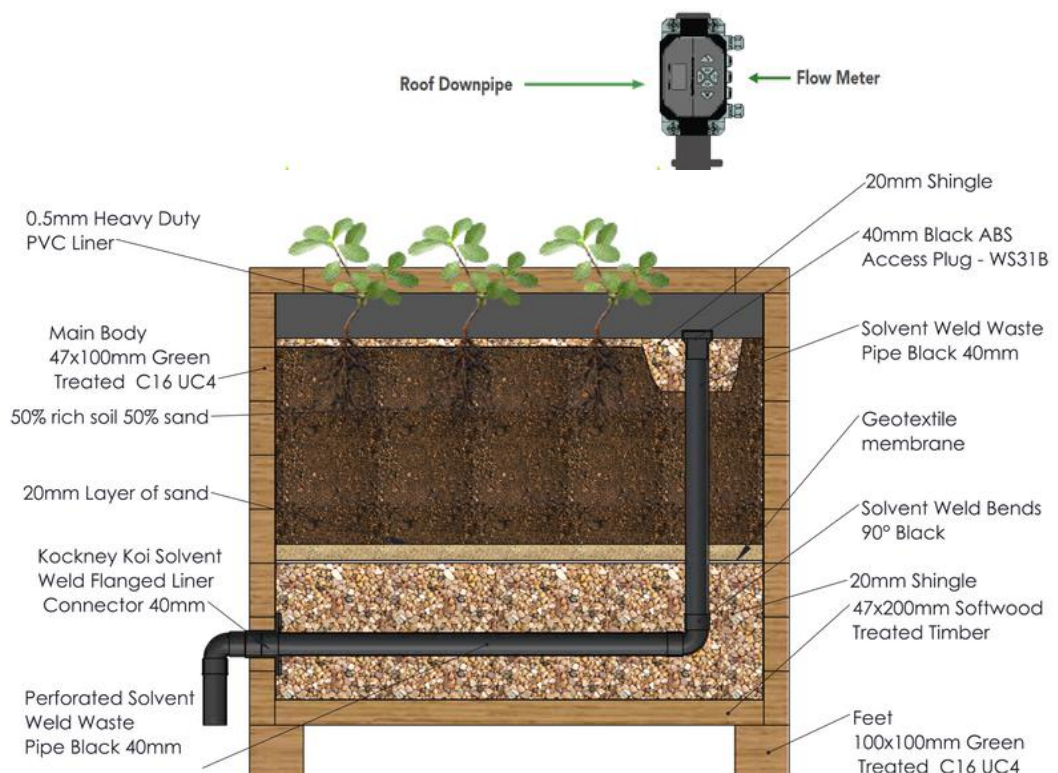
Our SuDS planters are a sustainable way to manage rainwater run-off from rooftops.

SUDS PLANTERS

Available in oak hardwood or treated softwood.

Our planters are supplied fully assembled and ready to connect into the existing drainage system. The planters are tanked with an internal drainage system. This includes an overflow and drainage outlet pipe, ready to fit into the existing site drainage system.

The drainage support pipe system is surrounded by gravel which helps with water dissipation. The whole unit is then covered with geo-textile membrane to keep it separate from the compost.





 **HYDROROCK®**
the green label in water management

SUDS PLANTERS

With Hydrorock® natural aquifer blocks

The Hydrorock© Planter System provides wide versatility in use and unlimited flexibility in design configuration, installation and operation. For apartment blocks or office spaces, they can be a great way of greening our urban landscapes.

- ✓ **100% natural & sustainable.**
- ✓ **Made from Rockwool pre-wrapped in a protective geo-filtration membrane.**
- ✓ **94% water retention by cubic volume.**
- ✓ **Surface area of 1m² holds 142L**
- ✓ **Plants draw water from blocks via capillary action**
- fully loaded blocks irrigate plants for 28 days.



BENEFITS

This process of encouraging the rain water to flow through the planters significantly slows water down during storm conditions, helping to reduce the rate at which water enters our rivers, lakes, and oceans, making them less likely to flood during storms.

SuDS Planters help tackle pollution by removing many of the pollutants found in the runoff from roofs, such as sediment, bird droppings and deposits from air pollution.



Our climate-resilient school's program emphasises the importance of nature-inspired design and its role in combating climate change.

By incorporating SuDS planters, schools provide hands-on learning experiences for children, educating them on the significance of sustainable practices and instilling a sense of environmental stewardship.

FreeStations are being deployed across many of these schools to monitor rainfall rates, temperature extremes and the effectiveness of surface water flood-risk-reduction measures installed at the schools.

MAINTENANCE GUIDE

WATERING

The advisory watering schedule is below, however, during very hot or wet periods the watering schedule will have to change to reflect the weather conditions.



up to 30 visits per year											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1	2	3	3	4	4	4	3	2	2	1

OUR MAINTENANCE SERVICE INCLUDE:



1. Watering plants to their specific watering requirements
2. Removal of rubbish, leaves and other debris
4. Feeding of plants during the growing season
5. Pruning and trimming and cleaning the plants where necessary
6. Control of pests and diseases
7. Plant replacements for natural failures
8. Topping up mulch to 50mm depth once per year
9. Monthly safety check and detailed report sent to the client

PLANTS
NOT
POLLUTION



TIMBER PLANTERS

Hardwood planters are available in a range of shapes made from multiple timber profile sizes. Typical hardwoods available are iroko, sapele, oak, balau and many more. Left to age naturally, these timbers will silver over time or they can be regularly oiled to maintain their rich colour. Hardwood planters are typically heavy duty and are well suited for modal filters, low traffic neighborhoods, street furniture and applications where planters are to be durable and long lasting.

The planters can be put on feet allowing them to be relocated if required, with a fork lift or pallet jack.







↑ All other routes

← Fulham A219

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Thames Water

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To find out more go to
meristemdesign.co.uk

4th Floor, Holden House, 57
Rathbone Place, London
W1T 1JU

+44 (0) 20 31376971

@meristemdesign