



## Green infrastructure products



# Welcome to the home of green infrastructure

People want to surround themselves with nature. The desire to feel calm and peaceful, to escape the stresses of everyday life, to connect with the natural world and its beauty and to improve their mental and physical health. We strive to create these environments.

Our green infrastructure are stand alone products for use in public and commercial spaces, both indoors and outdoors. Whilst their external aesthetics is not unusual it is the internal componentry that makes our products unique.

We were the first in Australia to offer water reservoirs and wicking systems in all our products. This significantly reduces maintenance costs in that water refills occur less frequently and plant health is greatly improved.

We were the first in the world to create commercial hanging baskets and a grass and garden tray system with water reservoirs and wicking.

Plantabox is committed to creating sustainable solutions that benefit both people and the environment.



Our products are manufactured in Australia, contain as much recyclable materials as possible or with materials that can be recycled at end of life. Our background has installed a passion for precision and quality componentry and design in manufacturing products that can last in the Australian public environment. The products are designed for durability and ease of maintenance. All products have accompanying structural engineering certification for use in public space. Our products are often combined to form urban parklets, road & cafe parklets, floating gardens or rooftop gardens.

# Large Plantaboxes

Our Large Plantaboxes are ideal for bringing greenery to any open space. Their water reservoir can provide up to one month's supply of water drastically reducing the need for maintenance. They have four connector points that allow for various add-ons. Perfect as individual units or combined to form large swathes of greenery.



- Dimensions: 1200 x 2400 x 500
- Facading: Interchangeable with any materials up to 30mm thick
- Attach bench available 400 x 2400
- Levelling: Stainless steel levelling feet
- Water: Water reservoir and wicking system - 340 litres
- Materials: Hot dip galvanised steel, plastic
- Manufactured: Australia
- Environment: Plastic wicking 100% recycled. Tub (max 50% recycled). Timber FSC certified. 95% recyclable at end of Life
- Engineering certified
- Yearly saving on water maintenance \$2250 per planter compared to non water reservoir planters







# Tree Plantaboxes

Our Tree Plantaboxes are durable and strong, ideal for placing in public areas. Supplied with water reservoir and wicking system for great plant health and reduced maintenance. Choose your facading style to match your local area.





- Dimensions: 1200 x 1200 x 900
- Facading: Interchangeable with any materials up to 30mm thick or sheet products 3mm or less
- Levelling: Stainless steel levelling feet
- Water: Water reservoir and wicking system - 200 litres
- Materials: Hot dip galvanised steel, plastic inner
- Manufactured: Australia
- Environment: Plastic wicking 100% recycled. Tub (max 50% recycled content)
- 95% recyclable at end of Life
- Weight (saturated) Aprox 1.1 tonnes
- Yearly saving on water maintenance \$2250 per box compared to non-water reservoir tree boxes



The facading system on the tree boxes allows for two types of connections. Materials 3mm or less (stainless, powder coated, Corten etc) are secured as individual panels around the internal hot dipped galvanised frame. The advantage is that if one panel is damaged it can be replaced without causing the entire planter to be compromised.

The second facading system uses an insert where materials such as hardwood, composite timber, marine ply with signage can be connected between the skeleton.



# Small Plantaboxes

The Small Plantabox has an internal water reservoir that in hot weather will provide a minimum of one week's water supply. They are perfect for street lining as a row or spread out.

- Dimensions: 1200 x 500 x 500
- Facading: Interchangeable with any materials up to 30mm thick or sheet products 3mm or less
- Levelling: Stainless steel levelling feet
- Water: Water reservoir and wicking system - 63 Litres
- Materials: Hot dip galvanised steel, plastic.
- Manufactured: Australia
- Environment: Plastic wicking 100% recycled. 95% recyclable at end of life.
- Yearly saving on water maintenance \$1250 per box compared to non water reservoir boxes









# Turf and Garden trays

Bringing perfect living lawns and gardens to any location. Plantabox Turf and Garden trays is made from plastic trays filled with a water reservoir and wicking system. Trays are bordered with wood or other material to suit décor. They can be permanently placed, such as a roof top or urban garden or easily moved and reconfigured.

The inbuilt reservoir captures rainwater or is filled via an innovative internal watering system. This removes the need for watering via sprinklers, saving water and eliminating usage downtime.

The trays have a high drainage rate so the grass is usable after heavy rain. The grass surface is smooth with joins between the trays barely visible. Worn areas can be quickly fixed by replacing individual trays.

The trays are ideal for planting out as low profile gardens. Shade to full sun, native to exotics, all plants flourish in the Garden tray.

Trays are designed to allow free flow of storm water in guttering when placed on road surfaces. If you need ready-to-use lawn or garden in any environment Plantabox Turf and Garden trays are the answer.





- Dimensions: 1200 x 1200 x 160
- Drainage: Storm water drainage unidirectional
- Levelling: Tolerable to uneven ground
- Water:
  - Water reservoir and wicking system
  - Linked refill system
  - No top watering
  - Approx 80 litres reservoir storage
- Materials: Plastic
- Manufactured: Australia
- Environment:
  - Plastic (max 50% recycled content)
  - Wicking 100% recycled
  - 95% recyclable at end of Life





# Hanging Baskets

These baskets are the first commercial, full-sphere, hanging baskets with an inbuilt water reservoir and wicking system globally. Designed for maximum floral impact with minimal maintenance requirements. Unlike other commercial hanging baskets that require watering daily these require once per week over hot summer days and bi-weekly during cooler periods. Our hanging poles are universal so can be placed onto any diameter timber, aluminium or smart pole.

- Dimensions: 450mm diameter
- Plants: Max 36
- Internal: 10 litre water reservoir and wicking system
- Hanging system: Stainless steel Smart Pole attachments or universal arm for any pole type
- External Materials: Hot dipped galvanised steel, Plastic shell (coated)
- Weight (saturated) Approx. 50kg
- 100% Australian Made
- Yearly saving on water maintenance \$2,500 compared to non water reservoir hanging baskets
- Engineering certification



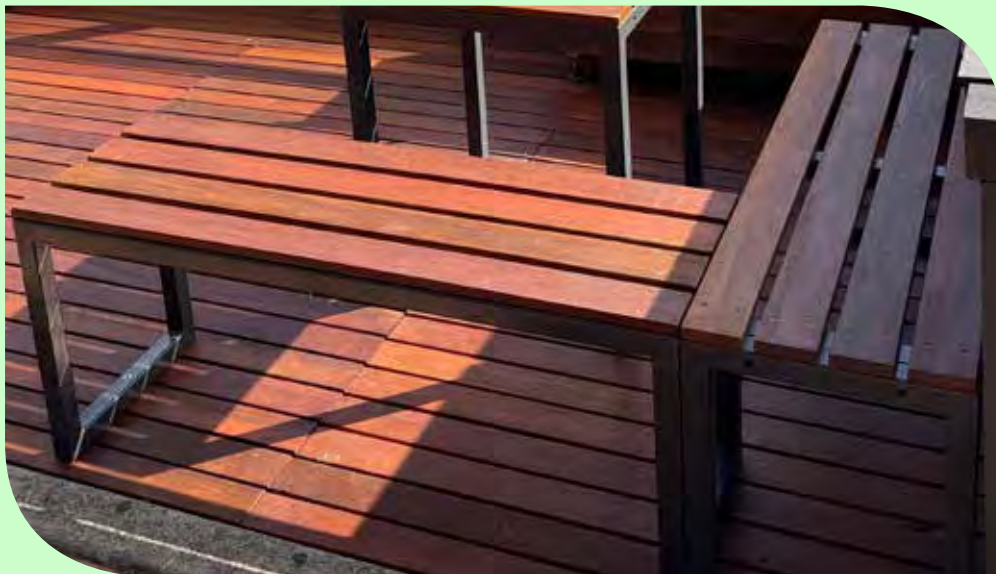


# Seating and Tables

Our Plantabox seating and tables are free standing. Made for commercial applications they are sturdy, well designed and durable. Australian Hardwood timber surfaces with powder coated steel frames. The benches and tables also have fixing points to other bench units and to the ground to prevent theft.

## Large Plantabox free standing bench

- Dimensions: 2400 x 400 x 400
- Fixture: Independent unit. Can attach to other free standing seats in various alignments
- Adjustable centre leg for uneven surface
- Materials: Powder coated steel, hardwood timber (treated)
- Manufactured: Australia
- Environment: Australian hardwood. FSC certified.
- 95% recyclable at end of Life



## Medium Plantabox free standing bench

- Dimensions: 1200 x 400 x 400 Also available in small - 800 length
- Fixture: Independent unit. Can attach to other free standing seats in various alignments
- Materials: Powder coated steel, hardwood timber (treated)
- Manufactured: Australia
- Environment: Australian hardwood. FSC certified.
- 95% recyclable at end of Life



## Plantabox stand-up table

- Dimensions: 1200 x 600 x 1000
- Fixture: Independent unit. Can attach to other stand-up tables
- Materials: Powder coated steel, hardwood timber (treated)
- Manufactured: Australia
- Environment: Australian hardwood. FSC certified
- 95% recyclable at end of Life



## Plantabox cafe table

- Dimensions: 600 x 600 x 700
- Fixture: Independent unit. Can attach to other Cafe tables
- Materials: Powder coated steel, hardwood timber (treated)
- Manufactured: Australia
- Environment: Australian hardwood. FSC certified
- 95% recyclable at end of Life



# Decking Modules

When an urban environment needs softening or a street widening our Plantabox Decking Modules enable a floating deck to be erected quickly. Our decking has been designed to enable free flow of storm water with no backing up or restriction to flow. A top lip enables decking to be placed hard to guttering to limit trip hazard. Adjustable feet ensure that the entire surface can be levelled. Option of FSC certified Australian hardwood or composite timber.

- Dimensions: 1200 x 1200 x 160 (+ or - 80 for levelling)
- Levelling: Stainless steel levelling feet
- Water: Unrestricted storm water / gutter flow
- Materials: Hardwood (treated) or composite timber on a treated structural pine base
- Manufactured: Australia
- Environment: Timber FSC certified. 95% recyclable at end of Life
- Engineering certified
- Optional aluminium checker board plate ramps



Raised Decking Module

- Dimensions: 1200 x 1200 x 600 (or other height)
- Levelling: Shims
- Water: Unrestricted flow
- Materials: Hardwood (treated) or composite timber on a treated structural pine base
- Facading - any material
- Umbrella attachment option
- Manufactured: Australia, Engineering Certified
- Environment: Timber FSC certified.
- 95% recyclable at end of Life





# Plantabox Canopy

Our environment is getting warmer. A lack of shade, large expanses of heat trapping asphalt and concrete in smaller localities exacerbates these heat islands. However there are four ways local councils and government are trying to reverse this trend. Use cool materials. Create tree canopies. Use shade structures - permanent or removable and evaporative cooling. While tree canopies are one of the best ideas there are a lot of areas in the built environment where trees just can't be planted.

Our solution was to create a man made canopy. The Canopy attaches directly to the large plantaboxes and forms a continuous shade path that tree planters or umbrellas struggle to do. The canopy is built with trellising to train vines to cover the entire structure.

## Plantabox Single Canopy

- 2600 x 2400 x 1600
- Engineering certification
- Stainless steel trellis wiring
- Australian hardwood screening with structural pine support
- Steel frame. Powder coated

## Plantabox Double Canopy

- 2600 x 2400 x 3200

## Coffee Bench

- Attach to back of canopy
- 2400 x 280 x 60

## Joining span

- Join two canopies together
- 1.2m to 2.4m width





# Contact us for ideas and concepts

Plantabox offers design, manufacturing, installation, horticultural and maintenance services

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'In the spirit of reconciliation the Plantabox acknowledges the Traditional Custodians of country throughout Australia and their connections to land, sea and community. We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.'