

  
**plantabox**  
turf trays



*Greening the Greyscape*



# NATURAL TURF SYSTEMS

## Plantabox Turf provides instant mature lawns in any location

- Roof gardens
- For retrofit or new build
- Parks, permanent or pop-up
- Easy to move and portable on large scale
- Install on any surface without construction or plumbing.

### The Plantabox Turf System

- Maximum live weight 140kg/m<sup>2</sup>
- Water reservoir depth sensors built in.
- Standard height (with mature turf) 180mm.
- Protected by Australian Patent No. 2019229339
- Can be installed on flat or sloping surfaces (up to 16°)
- Based on standard building dimensions of 1.2 and 1.2 m
- Deeper, wicking trays available for greater water storage. Provide easy inspection or repair access to sub-surface.
- All products are non-toxic and 95% recyclable at end of life
- Low maintenance with inbuilt water reservoir and refilling system
- Environmental benefits include ambient cooling, rain-water detention and re-use plus low chemical use.



Turf trays as semi permanent park.  
Horsham VIC



## PLANTABOX TURF



**Plantabox turf with hardwood edging.  
Wollongong NSW**

### **Bringing perfect living lawn to any location**

Made from plastic trays filled with soil, mature lawn and a water reservoir. Trays are 1.2m x 1.2m x 180 mm high. The trays can be placed into an inbuilt recess or left on surface and bordered with wood or other material to suit décor. They can be permanently placed, such as a roof top garden, or easily moved and reconfigured as a pop-up park.

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

The trays have 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. Ideal for high traffic areas.

The Plantabox Turf System enables the grass to thrive in hot and dry locations. If you need ready to use lawn in any environment Plantabox Turf is the answer.



**Plantabox turf. Easily movable via pallet jack.**

# OUR SERVICES

## We bring your ideas to life

### Placemaking & Design

- Placemaking consulting
- Concept design and detailed technical drawings
- Horticulture and garden plant design
- Lighting, solar and soundscape design

### Install & Build

- Plant supply from our high quality flower, tree & native trade nurseries and turf suppliers
- Rapid installation, no damage to site
- Fabrication of bespoke features
- Placemaking support, via our network of street artists, sculptors, painters, lighting, audio and street furniture suppliers

### Maintenance

- Provide full to partial maintenance depending on your requirements
- Supply crews to reconfigure or move products
- Potable, recycled or harvested rainwater able to be used

## History of Plantabox turf

### Orgins

Plantabox Turf is an evolution of our Portagrass portable sports turf product combined with the wicking system build into the Plantabox garden range. While Portagrass trays are designed for large scale sports surfaces we designed Plantabox Turf with compact size, ease of portability and water reservoirs for urban green space applications.

Two years of R&D led to the development of a system that could keep a variety of turf species alive in a shallow 50mm profile as well as in harsh environments. The shallow profile was needed to keep live weight load to a minimum and ensure ease of transportation.

The tray dimension and multi fork channels enable trays to be easily man handled with a pallet jack and will fit in most building lifts.

Trials with the Canberra City Renewal Authority led to the development of a refill system that enables the trays to be daisy chained together and also of an individual tray water monitoring system to help with maintenance.

Further development continues in working out predictive macro scale weather readings to help monitor water usage as well as design modifications to increase water reservoir content.



## A BIT ABOUT US

### We are passionate about greening the built environment

Our quality products placemake greyscapes.

We innovate across engineering, logistics, soils and horticulture, bringing unique ideas and concepts to product design.

We manufacture in Australia to produce hard wearing, long life products that can withstand public interaction, while still looking great.

We use sustainable planting and watering techniques that help educate the community to create change in garden practice. All our plastic items are made from 50% recycled stock and our products are 95% recyclable at end of life.

We produce two product lines, Plantabox portable garden system and Portagrass portable sports turf surface.



Portagrass court for Tennis Australia.

## GET IN TOUCH

### Head Office

1/80 Cremorne Rd  
Cremorne Point NSW 2090

[www.plantabox.com.au](http://www.plantabox.com.au)

### Peter Casimaty

Managing Director  
+61 406 072 229  
[peter@plantabox.com.au](mailto:peter@plantabox.com.au)

### Ben Perry

Creative Director  
+61 425 324 256  
[ben@plantabox.com.au](mailto:ben@plantabox.com.au)



Before and after installations



Garden of Enchantment.  
Canberra ACT



City Walk.  
Canberra ACT



Coogee Bay Rd.  
Randwick NSW

