

# Xylem Planters with Bench Technical Specifications

**Tait.**

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A modular planting & seating system which forms a conduit between plants and people. The Xylem collection leans on biophilic design principles - ensuring people have access to fresh air, natural light, plants and nature-inspired spaces.

- Highly flexible & modular design with endless configurations
- Recyclable aluminium construction
- Glass-Reinforced Concrete (GRC) base with a stone-like, textured finish
- Option for Pod Timber Lid, made with sustainable FSC® sourced Spotted Gum
- Option for self-watering Wicking Plate
- Option for Mulch Plate

'Xylem' itself is a biological term referring to the branch-like vascular tissue in plants that transports nutrients from roots to leaves, and allows them to photosynthesise. Borrowing from this concept, the Xylem collection is a system that intimately connects people with the health-promoting benefits of plants.

Due to its buildable design, Xylem can be infinitely added to, and forms endless configurations. It can branch out like a root system, form a cluster, become circular, or snake along in a single line for narrower spaces. Modules can be oriented to encourage people to come together (for socialisation or collaboration), or oriented to allow people more solitude (for focused work or breathing space). Armrest and Backrest options can also be added to further support various modes and user needs.

While predominantly designed for the workplace, urban realm, schools, universities, shopping centres and healthcare facilities, the collection can also be used in residential applications to incorporate informal seating and greenery. And, as we find ourselves looking to bring the "outdoors-in" more and more to enhance our relationship with nature, the collection is just as relevant indoors as it is outdoors.

Xylem is formed with folded, anti-corrosive, recyclable aluminium, making it extremely strong and durable. The Xylem Bench itself spans 1.8m and can seat between 3-4 people. The base is formed from glass-reinforced concrete, providing superior durability and ample weight, making it ideal to withstand use in public, high-traffic and wind-prone sites. The Xylem Pod Timber Lid is crafted from sustainable FSC® sourced Spotted Gum.

Internally, the Planters' base acts as a waterproof reservoir - with an option for a self-watering Wicking Plate (aiding plant maintenance). The Planters have also been expertly designed for indoor use - the drainage hole in the base may be plugged to prevent water leakage. A stylish Mulch Plate can also be selected, supporting standard-sized, sealed flower pots. This way, potted plants can be placed inside the sealed flower pots and maintained. The Mulch Plate is beautiful left visible, or the user may wish to hide it by placing mulch on top of the plate.

All Tait pieces are made locally and come with a 5-year structural warranty.

Tait's original designs are protected under design registration and copyright.



## POWDER COAT

### TEXTURED POWDER COAT COLOURS



Basalt Textured   Shale Grey Textured   Mountain Blue Textured   Banksia Leaf Textured   Black Textured   Burgundy Clay Textured   Core Ten Textured   Deep Ocean Textured   Headland Textured   Jasper Textured   Monument Textured   Ochre Textured



Pale Eucalypt Textured   Paperbark Textured   Surfmist Textured   Teal Sea Textured   White Textured   Woodland Grey Textured

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## TOP OPTION

### TIMBER



Spotted Gum

# Xylem Planters with Bench Dimensions

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## PLANTERS WITH BENCH

3000mm<sub>w</sub>

600mm<sub>D</sub>

450mm<sub>H</sub>

86.5in W x 34.25in D x 26.5in. H  
62kg

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## ADDITIONAL PLANTER WITH BENCH

2530mm<sub>w</sub>

600mm<sub>D</sub>

450mm<sub>H</sub>

86.5in W x 34.25in D x 26.5in. H  
41.5kg

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## POD TIMBER LID

600mm<sub>w</sub>

25mm<sub>H</sub>

86.5in W x 34.25in D x 26.5in. H  
Spotted Gum Self-locating within planter base

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# Xylem Planters with Bench Dimensions

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## WICKING PLATE

600mm<sub>w</sub>

450mm<sub>H</sub>

86.5in W x 34.25in D x 26.5in. H  
Black textured powder coat finish 2.5kg

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## MULCH PLATE

600mm<sub>w</sub>

86.5in W x 34.25in D x 26.5in. H  
Fits x3 standard 200mm flower pots Black textured powder coat finish 2.5kg

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## ARMREST

520mm<sub>w</sub>

90mm<sub>D</sub>

250mm<sub>H</sub>

86.5in W x 34.25in D x 26.5in. H  
1.75kg

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# Xylem Planters with Bench Dimensions

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## BACKREST

0mm<sub>w</sub>

0mm<sub>D</sub>

0mm<sub>H</sub>

86.5in W x 34.25in D x 26.5in. H  
2.5kg

# Xylem Planters with Bench Configurations

**Tait.**

# How to care for your Xylem Planters with Bench



## GENERAL CARE

At Tait, we make products for life. Our products are crafted from high-performance materials designed to withstand the elements across our diverse Australian climate zones. We make design decisions with both form and function in mind, combining timeless and cutting-edge designs with beautiful finishes in order to elevate your outdoor (or indoor) experience.

Our collections are handcrafted from weather-resistant materials, making each piece a durable choice. In order to maintain their look and feel over time, Tait items need ongoing care and maintenance. The frequency of maintenance will vary depending on the level of care you want to provide, your personal standards and requirements as well as the environment within which the product lives.

Please refer to the care instructions relevant to the specific materials and finishes of your product, and take note of the warranty details to understand the parameters.

We finish making our products by hand, and know they can live a long and useful life when equally cared for in your hands. For those rare occasions where it's needed, we offer a 5-year structural warranty (Australia only), made possible by the stringent quality control standards within our factory on Wurundjeri Land in Thomastown, Victoria.

The warranty does not cover:

- Damage from mishandling, mistreatment, abuse or lack of maintenance.
- Natural ageing, general wear and tear and fading.
- Damage from organic or man-made matter including mineral deposits, soils and fertilisers; or from the build-up of environmental mould.
- Corrosion spots at the weld joints (which do not affect the structural integrity of the product and are a natural outcome of the material used).
- Corrosion of steel furniture and parts as a result of hard seafront or chlorinated environments.
- Any variations in colour, shade or gloss levels of finishes including stone tops and timbers.
- Changes of heart based on personal preference.
- Transportation costs for replacement parts/products, or labour costs for repair (these are charged at our discretion)  
Goods that have been held in storage for any period (due to the potential impact of environmental extremities in certain storage facilities).

The above Tait warranty terms are accepted by the customer and end-user upon order and supply.

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## POWDER COAT

### CARE & MAINTENANCE

Wash regularly with warm soapy water and mild detergent using a soft cloth. For commercial, industrial or marine environments we recommend monthly maintenance. Always rinse well with water, to remove any remaining detergent.

Avoid steam cleaning, pressure washing, abrasive cleansers, steel brushes/wools and cleaners containing chlorine. Avoid scratching the surface by dry dusting. Never use strong solvents to clean powder coated surfaces. Aggressive solvents such as turpentine, white spirits, thinners, citrus based cleaners, Spray and Wipe, and other aggressive solvents are harmful to the extended life of the powder coated surface. Do not allow detritus, organic or man-made matter to settle on the product surface. We recommend removing any buildup of mineral deposits leaching from soils and fertilisers, should it occur on Tait's planters.

Rough treatment of powder-coated furniture can result in chipping of the coated surface; this is not covered under warranty.

Most Tait products come with protective fittings - stacking glides, bumpers, socks/feet and glides. These aid in protection against chipping and scratching. Powder coated chairs are designed to be set in place gently.

Touch-up paint may be purchased on request. It is advisable to repair minor nicks and scratches as soon as they appear.

When placing a furniture cover over a table for an extended period of time, it is recommended to first place an empty plastic pot plant in the centre of the table, then placing the furniture cover over the top. This will prevent the possibility of the furniture cover adhering to the table surface.

Should you wish to touch up any blemishes which may occur, please contact your nearest Tait showroom and request a Powder Coat Touch Up Kit. Please follow our Powder Coat Touch Up Guide (available under 'Dimensions and Specs - Download Assets' on the product page) for application details.

### WARRANTY

Powder coat is a decorative finish for indoor and outdoor use. While it assists with metal protection, it is not a corrosion protection in its own right. The components of Tait powder coated products are produced in either aluminium, stainless steel or mild steel.

The mild steel base materials are treated with two levels of pre-protection that guard against corrosion. The products are then powder coated to make the surface resistant to corrosion and suitable for use in exterior environments.

Minor corrosion spots at the weld joints - under table tops, bases and seat frames, may be evident on mild steel products. These do not affect the structural integrity of the product and are not

# How to care for your Xylem Planters with Bench



covered by the Tait warranty.

Whilst every care is taken to provide the most suitable finish according to the use and the environment the product will be subjected to, Tait cannot guarantee this decorative finish against scratching, scuffing, chipping, fading or corrosion as a result of use in harsh seafront, extreme or environments where chlorine is present.

Tait offer a range of powder coat colours which offer excellent UV stability and are suitable for use in outdoor applications. Whilst powder coat offers excellent colour retention, natural fading is not covered under the Tait warranty. To ensure longevity of this finish please refer to the care and maintenance.

The warranty does not cover any occurrence of detritus, organic or man-made matter settling on the product surface. The warranty also excludes buildup of mineral deposits leaching from soils and fertilisers, should it occur on the surface of Tait's planters. Nor does this warranty cover any product corrosion directly caused by aforementioned matter.

Tait assume no responsibility for product damage caused by the use of furniture covers.

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## GRC

### CARE & MAINTENANCE

Glass Reinforced Concrete is highly durable, strong, lightweight, versatile and environmentally friendly.

Put simply, Glass Reinforced Concrete (GRC) offers twice the strength of regular cast concrete at around half the thickness and weight (roughly speaking) meaning that, in more ways than one, it treads far more lightly on the earth than the heavier alternative.

To clean GRC, Tait recommends using warm soapy water and a scrubbing brush.

Tait do not recommend cleaning any GRC with high-pressure water.

It is important to ensure that the footing upon which the GRC modules rest is level. Should leveraging stresses occur where the substrate is not level (or becomes un-level), warranty may be voided.

Careless handling, treatment or misuse of our products can result in damage and is not covered under our manufacturer's warranty.

### WARRANTY

Each hand-finished module presents its own unique character. Slight irregularities of the product finish between modules are considered a natural aspect of the manufacturing process and add to the beauty of the product. Any irregularities in the finish of the GRC are not covered under warranty.

The GRC is not covered under warranty for graffiti, damage from skateboards, bicycles and so forth, vandalism, staining or water penetration damage. Where Tait's Care, Maintenance and installation guidelines have not been adhered to, warranty may be void.

Scape's modules are manufactured to exacting international standards, complying with the "Specification for the Manufacture, Curing & Testing of Glassfibre Reinforced Concrete (GRC) Products" produced by the International Glassfibre Reinforced Concrete Association (GRCA) in the UK.

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## SUSTAINABLE TIMBER

### CARE & MAINTENANCE

Tait selects premium Accoya Timber and Smoked Oak engineered timbers that provide superior rot-resistance, defy the elements and stay strong for decades and are manufactured using clean technologies and sustainably sourced.

Accoya® Timber is modified by acetylation. Acetylation is a non-toxic process in which radiata pine is soaked in an organic compound related to vinegar, making the wood more resistant to moisture, insects, and rot.

Smoked Oak is thermally modified timber. Thermally modified timber is heated using a totally 'green' chemical-free process to permanently change its properties. Essentially, the timber stops absorbing water and becomes a stable, durable product that resists shrinkage, swelling, decay, rot, mould and insect attack.

Tait's Osmo oil finish is specially formulated for high-performance timbers. To comply with warranty requirements, cleaning and maintenance of timbers are obligatory.

Surface clean the timber components of your outdoor furniture pieces at least twice a year. Wash the surfaces thoroughly with a soft cloth, using warm soapy water to remove dust, grime and

# How to care for your Xylem Planters with Bench



insects. A build-up of dust and grime can lead to the increased growth of green algae, mould and other surface fouling. Always rinse well with water, to remove any remaining detergent and allow to dry.

Avoid pressure washing, abrasive cleansers, steel brushes/wools and cleaners containing chlorine. Never use strong solvents to clean timber surfaces. Aggressive solvents such as turpentine, white spirits, thinners, citrus based cleaners, Spray and Wipe, and other aggressive solvents are harmful to the extended life of the timber.

## Recoating your timber

To restore the original appearance of timber please contact Tait's customer service ([customerservice@madebytait.com.au](mailto:customerservice@madebytait.com.au)) to request a maintenance kit and follow the Osmo Oil Reapplication Guide (under "Dimension Specs - Download Assets" on the website product page of your Tait product).

When placing a furniture cover over any table for an extended period of time, it is recommended to first place an empty plastic pot plant in the centre of the table, then placing the furniture cover over the top. This will prevent the possibility of the furniture cover adhering to the table surface.

Careless handling, treatment or misuse of our products can result in damage and is not covered under our manufacturer's warranty.

## WARRANTY

Accoya® timber is perfect for exterior furniture applications. The Accoya® timber component is covered for 1 year from the date of purchase, subject to proper maintenance by the purchaser and fair wear and tear. Accoya timber is treated Radiata Pine, is a softwood therefore subject to denting.

Smoked Oak is a thermally modified timber. The Smoked Oak timber component is covered for 1 year from the date of purchase, subject to proper maintenance by the purchaser and fair wear and tear.

End and surface checking may appear and is not claimable under warranty.

Any changes in the visual appearance of timber that are directly linked to ageing are not covered by warranty. As timber is a living material, the appearance of its surface evolves naturally over time.

Tait recommends maintenance as required with Osmo Oil to reduce colour loss, dryness and weathering. Engineered timbers that have been treated with tinted Osmo Oil may fade when placed in direct sunlight. This is not covered by the Tait warranty.

The warranty does not cover product damage caused by the build-up of mould due to environmental factors such as wet weather, damp and humidity

Tait assumes no responsibility for product damage caused by the use of furniture covers.

## SUITABLE FOR



OUTDOORS



HIGH UV



COASTAL

## FEATURES



MADE IN AUSTRALIA



RECYCLABLE MATERIALS



AWARDED DESIGN



SUSTAINABLE TIMBER



5 YEAR STRUCTURAL WARRANTY