

Leading the way  
in an industry  
where nature &  
technology meet



GREEN INFRASTRUCTURE SPECIALISTS  
[WWW.FYTOGREEN.COM.AU](http://WWW.FYTOGREEN.COM.AU)

Fytogreen





Project: Signage Proposal at Western Distributor, Prymont

Client: Tzannes

Date: 11<sup>th</sup> August, 2023

Proposal: Planter box, mesh and climbing plants on a signage structure

Queries Raised by DPIE in [blue](#). Queries Raised by Heritage NSW in [green](#).

[Timeframe for vegetation to cover the façade.](#)

The plants would be pre-grown to a minimum of 1.8m high at install. The ideal low maintenance species would be *Trachelopermum jasminoides* or *Aphanopetalum resinosum* (native option), as they will self twine. Based on the planter interval spacing shown, the façade would be 60% covered within 3 months of install and >90% covered within 12 months.

[The process around the implementation and maintenance of planter boxes](#)

For pre-construction off site, the planter boxes, irrigation, drainage and mesh could be fitted offsite for installation, the planting would occur once into position whilst the fit off of the connecting services was completed.

The mesh will need to be a webmesh type with an aperture of 200-300mm, so that the majority of the maintenance can be conducted from the inside of the structure via the platforms. There will need to be a provision at the top of structure for occasional external maintenance, such as belay points fixed to enable rope access.

[Irrigation Control](#)

The irrigation will be controlled by a Galcon GSI and flow meter allowing live flow data and alarms enabling remote monitoring and control. The irrigation will be adjusted for the seasonal conditions and can be linked to a rain sensor.

[Vegetation impact on sandstone rock face](#)

Neither plant species will impact the sandstone in their habit or growth. Drainage systems will be designed to conserve water and direct any run-off to stormwater outlets.

Please find Fytogreen Bio attached.



GREEN INFRASTRUCTURE SPECIALIST



# Why work with us?

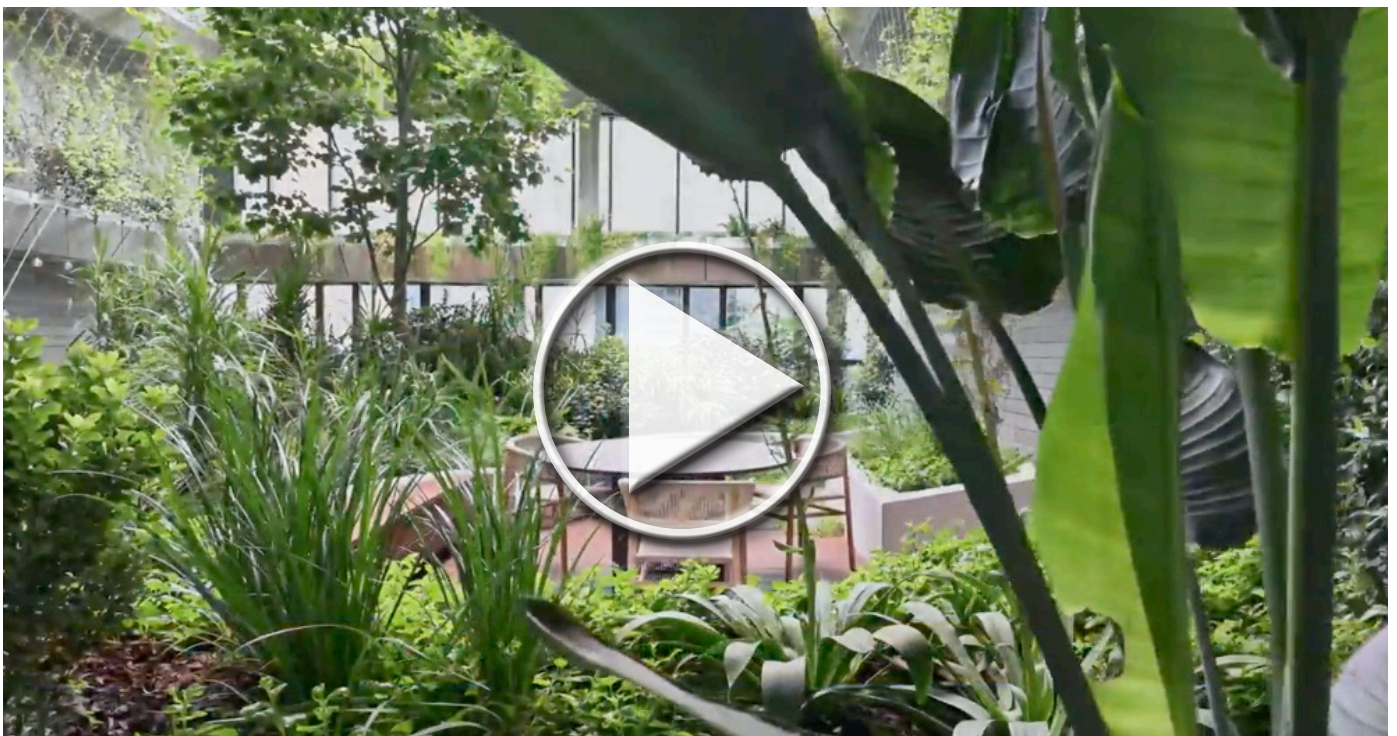
FYTOGREEN.COM.AU

Fytogreen is a multi-award-winning innovator of green infrastructure solutions and Australia's leading specialist in roof gardens, green walls, planter boxes and elevated greening. We help government bodies, architects, landscape architects, developers, design managers and owners deliver resilient living architecture solutions that reconnect urban living with the restorative natural world.

Fytogreen is a full-service green infrastructure specialist that's been developing sustainable greening solutions since 2002. We lead the way in an industry where nature and technology meet.

Supplying more than 900,000m<sup>2</sup> of greening across Australia, we have the horticultural knowledge, research focus and technical smarts to grow in every ecosystem and deliver on any scale.

From the [largest roof garden in the southern hemisphere](#), to [Australia's first indoor urban forest](#) and living walls that add valuable appeal to residential homes, we have what it takes to transform even the most challenging environments into a vibrant and flourishing oasis of green.



## EXPERTISE

Skilled experts across all project stages – design, technology, horticulture, construction and maintenance.

## CUSTOMISATION

Bespoke products and services that respond to your needs and ecosystem with the right solution.

## DELIVERY

Senior project managers with advanced experience, insights and tools dedicated to your vision.

## SCALE

The necessary skill, experience and resources to handle any project, no matter how large or complex.

## RESULTS

Quality results that meet and exceed expectations not just in the moment but in the long term.

GREEN INFRASTRUCTURE SPECIALISTS

**Fytogreen**



# The Fytogreen Team

Fytogreen pride itself on its team of talented, experienced people committed to client service. With an experienced team of over 50 staff and a multi office network across Australia, Fytogreen have the knowledge and network to deliver green infrastructure on any scale.

*“ We believe in engaging the best talent to satisfy our clients’ diverse requirements.”*  
- Geoff Heard, Managing Director

KEY PERSONNEL	POSITION	CONTACT	QUALIFICATIONS & EXPERIENCE
Geoff Heard	Managing Director	0409 787 656 geoff@fytogreen.com.au	Bachelor of Commerce (Agriculture) 30 years horticultural experience 20 years as senior manager at Fytogreen on projects of extensive magnitude and complexity
David Moloney	General Manager	0418 127 570 dmoloney@fytogreen.com.au	Bachelor of Business (Accounting) Graduate Diploma of Manufacturing Management 17 years industry experience 12 years at Fytogreen
Mike Heard	QLD Manager	0417 622 228 mheard@fytogreen.com.au	19 years experience as senior manager at Fytogreen on projects of extensive magnitude and complexity
Erik van Zuilekom	In-house Botanist, Designer and Quality Manager	0414 978 794 erikv@fytogreen.com.au	Bachelor of Arts (Environmental Studies) Bachelor of Science (Botany) Diploma in Landscape Design 10 years experience at Fytogreen on projects of extensive magnitude and complexity
Mitchell Clouten	Project Co-Coordinator Designer, Horticulturist & Lighting Specialist	0499 499 050 mitchellc@fytogreen.com.au	Bachelor of Design, Master of Landscape Architecture 6 years experience at Fytogreen on projects of extensive magnitude and complexity
Angela Davenport	Greenhouse Manager & Plant Procurement	0435 749 956 angelad@fytogreen.com.au	Bachelor of Applied Science (Horticulture) 20 years experience retail / wholesale nursery industry and 4 years procurement and nursery manager at Fytogreen
N/A	Maintenance Department	0478 217 596 maintenance@fytogreen.com.au	

“ Geoff is very personable, willing to share his knowledge and expertise, and the whole team clearly care about what they do. Fytogreen consistently met or exceeded our expectations. They were great to work with and the built outcomes are quite outstanding and continue to flourish as they mature

- Wayne Sanderson, Regional Director Australia & New Zealand, Inhabit Group







## GEOFF HEARD

### Fytogreen Founder and Managing Director

The inspiration and creation of Fytogreen came from the persistence of Geoff, who has been personally responsible for the successful delivery of many of Australia's largest greening projects. Geoff provides superior horticultural knowledge and research proven technical smarts to transform even the most challenging environment into lush, sustainable ecosystems and deliver projects on any scale.

[\*“ Click to Read Geoff's full bio ”\*](#)



## ERIK VAN ZUILEKOM

### Designer, In-house Botanist & Quality Manager

Erik has a BA in Environmental Studies, Bachelor of Science in Botany and a Diploma in Landscape Design. Erik is responsible for the design concept development, plant selection, maintenance of all installations, nursery supervision and species research. Erik manages the prototype implementation and Quality Management.

*“ I would like to see green life ecologies deeply integrated into the urban fabric and psyche, not as passive claddings, rather as responsive technologies.”*



## MITCHELL CLOUTEN

### Project Coordinator, Designer, Lighting Specialist & Horticulturist

Mitchell has a Bachelor of Design, a Master of Landscape Architecture, and a horticultural career specialising in green infrastructure.

With a diverse and interdisciplinary background, Mitchell's role at Fytogreen is to assist and advance our horticultural applications in our emerging industry. He is driven to understand urban environmental conditions and horticultural lighting, which provides great confidence creating sustainable planting design for extremely difficult and low-light spaces.

# Explore our work

FYTOGREEN.COM.AU

Highly specialised, technically sophisticated, capable and confident with large scale projects...

Fytogreen are proactive and take a holistic approach, committed to solutions that are consistent with the design intent. Where challenges arise, which they inevitably do with living ecosystems, they focus on finding a solution.

## CLICK HERE TO VIEW OUR PROJECTS



QBE Green Column, Sydney

NOVEMBER 3, 2018  
13m high square FytoFelt green column with new unique innovation for planted corners Location ...  
[Read More](#)



Sky Garden - Collins Arch Melbourne

AUGUST 1, 2020  
Sky Garden - Collins Arch, Melbourne 179m<sup>2</sup> Sky Garden - Facades and Planter Boxes 68m<sup>2</sup> FytoWall...  
[Read More](#)



Thomas Foods - Indoor Fire Compliant Green Wall

JULY 14, 2020  
Indoor Fire Compliant Green Wall - Thomas Foods SA Location - 182 Fullerton Road, Rose Park...  
[Read More](#)



Residential FytoFelt Green Wall Hamilton

MARCH 22, 2020  
10m<sup>2</sup> FytoFelt Green Wall Hamilton Fytogreen designed, installed and maintain a 10m<sup>2</sup> FytoFelt green...  
[Read More](#)



Paragon Apartments - Indoor Urban Forest

APRIL 20, 2020  
Paragon Apartments - Australia's First Indoor Urban Forest - 262m<sup>2</sup> Private Sky Garden LEVELS...  
[Read More](#)



Vertical Garden Biodiversity

MARCH 24, 2020  
Observing vertical gardens, we are frequently immersed in those aspects of gardens which are immediately...  
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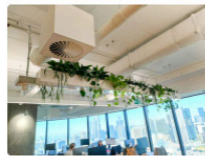
Chadstone Shopping Centre FytoArbour

APRIL 26, 2020  
Location - Chadstone Shopping Centre, Dandenong Road, Chadstone Client - HASSELL Project Builder - Vicinity...  
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Dohat St, Sydney - Fire Compliant Green Wall

JULY 14, 2020  
Dohat Ave, North Sydney - Fire Compliant Green Wall 57m<sup>2</sup> - FC, FytoFelt...  
[Read More](#)



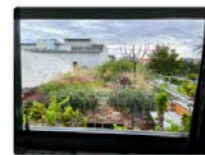
Charter Hall - Office Greening

JULY 14, 2020  
Charter Hall Office Greening Working Hanging Planters & Pot-in-Pot Planters Location - Charter Hall Office...  
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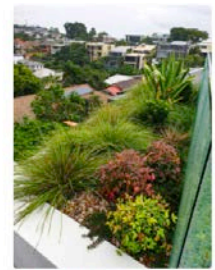
Residential Roof Garden - Flinders

MARCH 1, 2020  
Roof Garden - Windsor 200m<sup>2</sup> - Extensive Roof Garden - 160mm profile Location - Private...  
[Read More](#)



Residential Roof Garden Adelaide

MARCH 2020  
Residential Roof Garden Adelaide 18m<sup>2</sup> Roof Garden - 160mm Profile Depth Location - Private Residence...  
[Read More](#)



Residential Roof Garden Hamilton

MARCH 20, 2020  
160m<sup>2</sup> Extensive Roof Garden Hamilton Fytogreen designed, installed and maintain 160m<sup>2</sup> of...  
[Read More](#)



Floating Wetlands - Woodlands Park

AUG 1, 2020  
Black River Wetlands - Woodlands Park...  
[Read More](#)



Super Lightweight Roof Garden FytoArbour System

AUG 1, 2020  
24.6m x 3 x 8.2m FytoArbour / Super Lightweight Roof Garden Fytogreen's FytoArbour...  
[Read More](#)



60 Martin Place - FytoArbour Living Beams



QUT Brisbane - Indoor Greening

JANUARY 10, 2020  
QUT Brisbane - Education Precinct 2020 AWARD WINNER QLD Regional Architecture Awards John Dalton Award...  
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Brisbane Street Mall, Launceston - FytoArbour

FEBRUARY 20, 2020  
Location - Brisbane Street Mall, Launceston, TAS Client - City of Launceston Project Builder ...  
[Read More](#)



Shore School PE Centre

DECEMBER 1, 2020  
9.5m<sup>2</sup> 24 x LLDPE Planter Boxes - Shore Physical Education Centre Location Church of England...  
[Read More](#)



## THE ONLY BUSINESS TO DEAL WITH IF YOU NEED TO GREEN ANY BUILT STRUCTURE

As an interior design with over thirty years of experience, it is seldom you work with a company that never ceases to deliver.

With a standard second to none, Fytogreen staff are passionate about their business as well as their industry.

With a heart after sustainability & the environment, delivering builds, activations and education wrapped with premium customer service, They are the only business to deal with if you need to green any built structure.

- Deborah de Jong, Caroma Flagship Engagement Manager



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Fytogreen



# Product Range

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## ROOF GARDENS

Intensive, Extensive and sloping sustainable living roofs for residential and commercial projects.



## FC FYTOFELT

A fire-compliant (AS1530.3-1999) pocket system green wall system for indoor or outdoor applications.



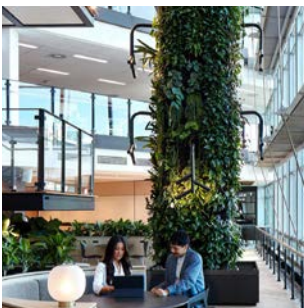
## FYTOFELT

A pocket green wall system suitable for commercial and residential projects. Available as design / install or DIY.



## FYTOWALL

A soil-less panel vertical garden system suitable for commercial indoor and outdoor applications.



## 3D GARDENING

Curved walls, columns or double sided oscillating FytoBlades. We can create virtually any BESPOKE sizing.



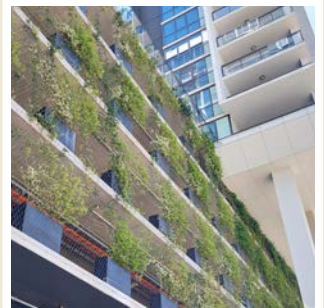
## FYTOARBOUR

Ultra-lightweight, self-contained hydroponic garden that can be mounted above the ground.



## GREEN FACADES

Cost-effective vertical greening utilizing climber and creeper plants on wires and cables.



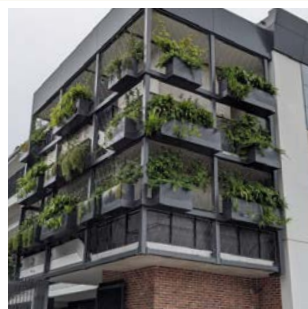
## PRE-GROWN FACADES

This system provides great foliage cover at installation, instead of waiting up to 2-3 years for coverage.



## FLOATING WETLANDS

Designed to vegetate water bodies for aesthetics, water clarification, safe habitat or water rehabilitation.



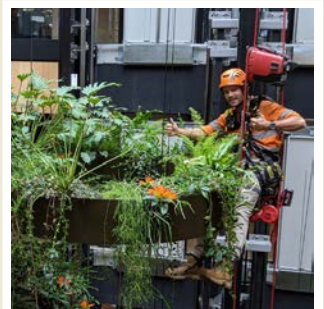
## ARCHITECTURAL PLANTERS

Fire Compliant Aluminum, LLDPE, or GRC. Planter boxes are UV stable, stylish, versatile and cost effective.



## PLANTER BOXES

Fytogreen's extensive range of custom planter boxes are suitable for nearly any indoor or outdoor application.



## MAINTENANCE

Our specialist elevated horticultural maintenance service is recommended for all our unique greening projects.

Lets bring your vision to Life!

Fytogreen is a full-service green infrastructure specialist that's been developing sustainable greening solutions since 2002. We lead the way in an industry where nature and technology meet.

Fytogreen also provide **BESPOKE SOLUTIONS** to transform even the most challenging environments into a vibrant and flourishing oasis of green.

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CHAT TO THE FYTOGREEN TEAM

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