



Green Gabion
Digital Brochure

the
greenwall
COMPANY

WHY WE EXIST?

TO RECLAIM THE
BUILT ENVIRONMENT
FOR EVERYONE'S
BENEFIT.
PEOPLE & NATURE



OUR STORY STARTED 40 YEARS AGO



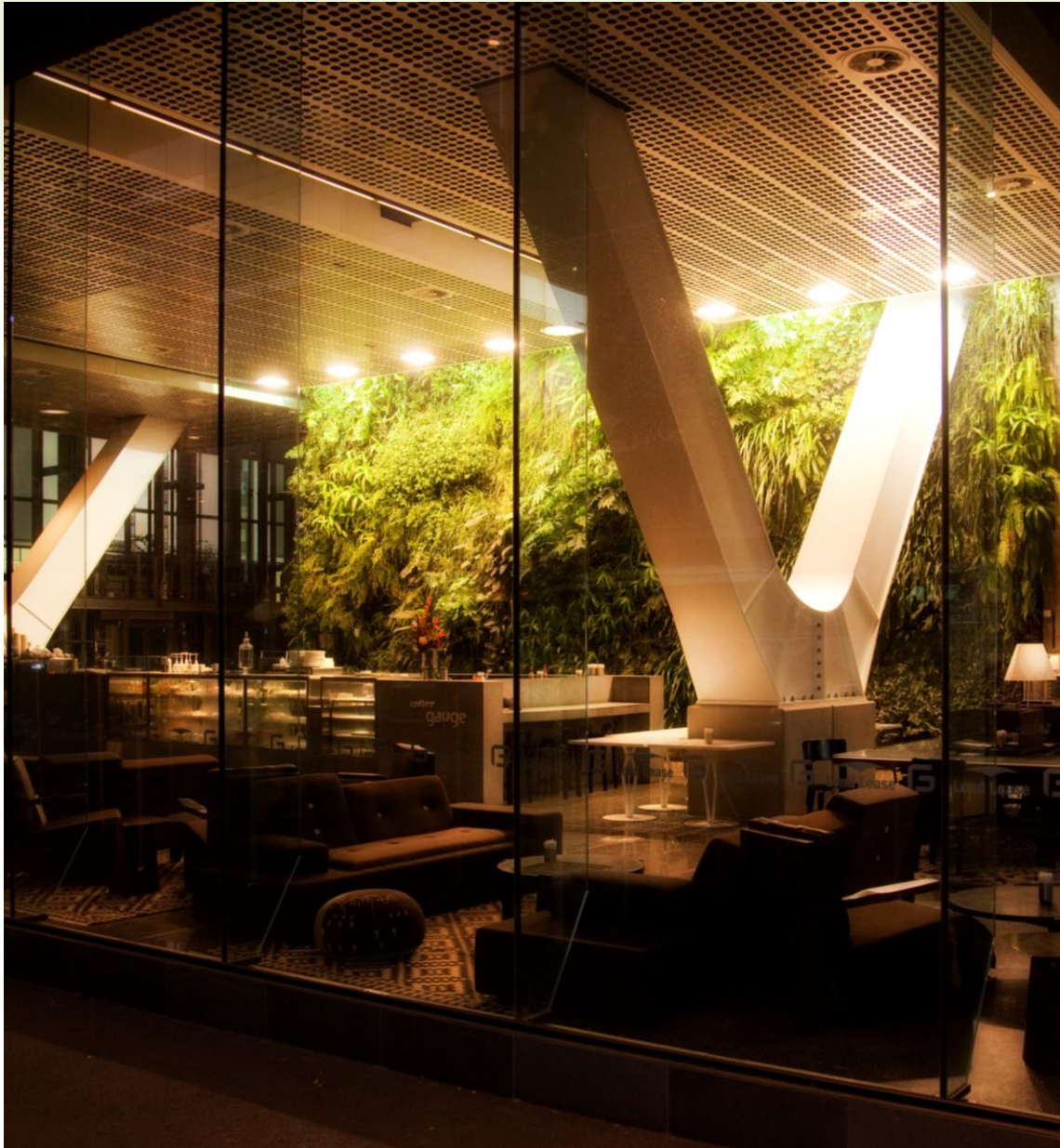
Mark Paul, the founder, a trained Marine Biologist turned Horticulturist, migrated from swimming among the fisheries and working on coral reefs and estuaries, to the dry lands surrounding the Northern Beaches of Sydney. Home to many of the lithophytes and epiphytes that fascinated him as a child, Mark looked to the built form as a canvas for nature's reintegration.

Pioneering in nature-based solutions and a deep desire to recycle waste while creating new life, Mark created patented innovations in lightweight media where plants thrive.

Using 95% recycled materials, less water, a deep knowledge of the Australian environment and flora, The Greenwall Company has delivered over 2,000 projects.

Our greenwalls and roofs are known for their light weight, diversity, durability and low maintenance. One of the greenwalls is over 35 years old and is still thriving.

We have a deep belief that we can green Australian cities for everyone's benefit.



We promise to plant the seeds
of change for the tree
we may never sit under.



Supporting Health
& Wellbeing



Re-joining Nature's Ecosystem



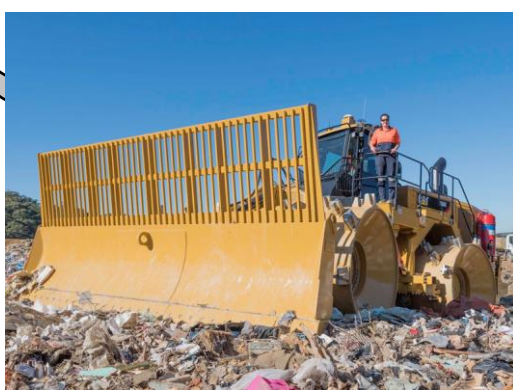
Creating Community



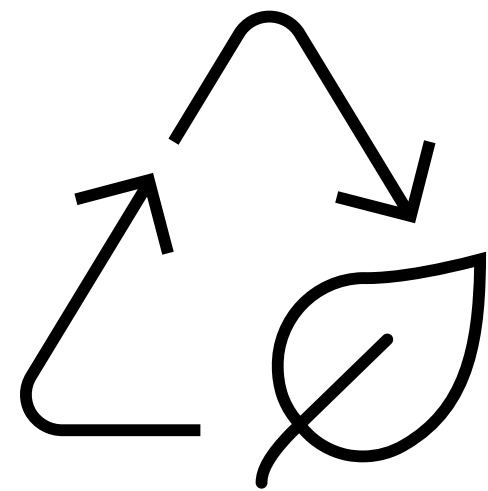
Building Place



REUSE WASTE, NOT CREATE
MORE TO BE RECYCLED LATER



95 % RECYCLED MATERIAL



An example one Green Gabion, Eco Planter*
will remove

238L

of material from Australian landfill and be
repurposed to create our living and breathing
Eco Planter.

* Green Gabion Eco Planter = 1m x 0.5m x 0.5m

SAVE MONEY ON ENGINEERING AND REDUCE
eCO₂ EMISSION WITH LESS STEEL & CONCRETE

SAVE WEIGHT, SAVE MONEY



Glass Reinforced Concrete (GRC)
Standard Lightweight planter mix
800mm D x 800mm H



Green Gabion Eco Pillar
The Greenwall Company Growing Media
800mm D x 800mm H

Inorganic, lightweight media

The Greenwall Company's patented inorganic growing media makes our Green Gabions

77% lighter than a GRC planter*

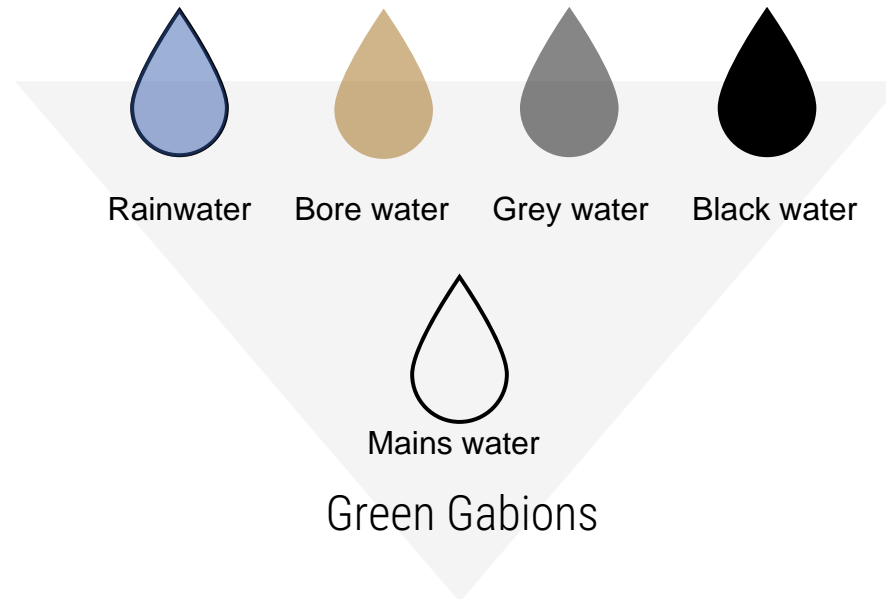
Reduced weight and save money

Reducing weight across your build will help to reduce unnecessary costly structural load requirements that further contribute to eCO₂ emissions and cost.

*Glass Reinforced Concrete planter with standard lightweight planter mix (1,500kg/m³)



WATER NEEDS TO BE RECYCLED AND REUSED IN OUR HARSH AUSTRALIAN CLIMATE



Grey, Black or Blue, we will re-use you. *

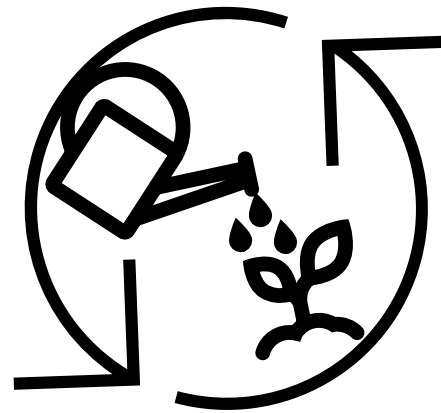
Careful plant selection and clever design allows Green Gabions to still thrive with the use of Rain, Bore, Grey or Black water.

* Early consulting is required for black or grey water use. Situation may vary.



DESIGNED TO LOOK GOOD
WITHOUT CONSTANT ATTENTION

LOW MAINTENANCE



Drainage made simple and cost effective

Our system cannot clog and become waterlogged. Recycled fabrics design specifically for this use encapsulate the media across a permeable surface. No time and money wasted fixing blocked or waterlogged systems.

No soil breakdown.

General potting mix will slump overtime needing to be topped up or replaced. Look at your pots in your house, they will not be at the height you planted them in. Our growing media does not breakdown and will last the lifetime of the building they are on.

WITHOUT PLANTS THERE IS NO LIFE.
SUPERCHARGE THEIR IMPACT



GREEN GABION, ECO PILLAR
1.2m x 1.0m
1,130 litres
4.5m² breathable surface area

BREATHABLE SURFACE

Each surface of our gabions is made a permeable planted surface. Why is this important you ask? The magic of growing media.

Volatile Organic Compound (VOC) removal

Plants are amazing at removing CO₂ from the air but a lot of the magic of nature happens below the surface. The microbial communities that live in harmony with your plants root system eat and consume nasty VOCs that are detrimental to our health. A permeable surface allows air to reach these microbial communities and far more effective than traditional pots and planters.



RE-JOINING NATURE'S ECOSYSTEM THROUGH INTELLIGENT PLANTING

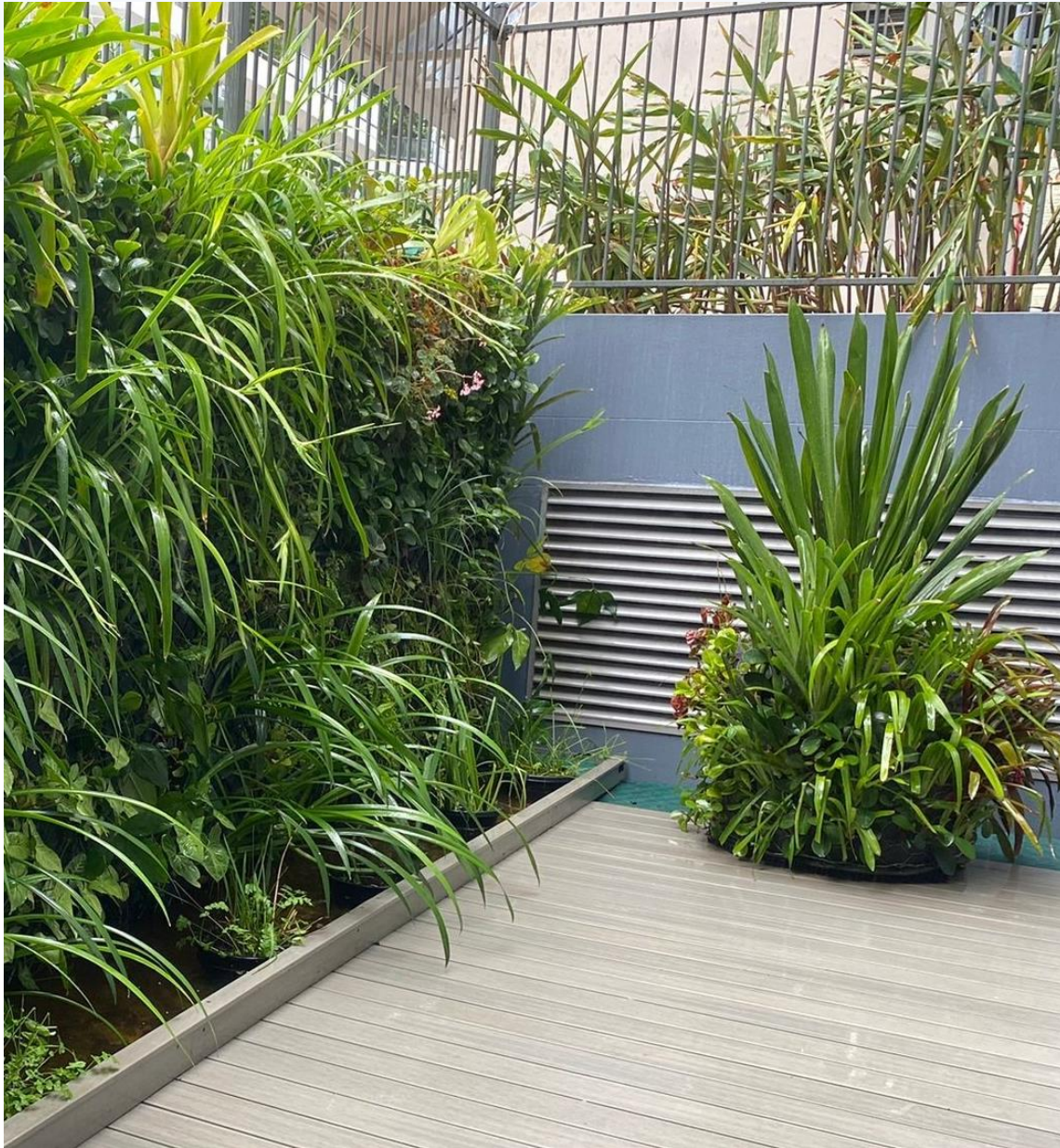
CREATING BIODIVERSITY

Our award-winning team of horticulturists create bespoke planting systems for each project based on aspect, light, airflow and amenity.

Planting for resilience

Rain, hail, high wind and enthusiastic wildlife make creating sustainable garden a balancing act.

- Our Green Gabions encapsulate the media, preventing any scouring by rain or wind. The structure also makes it harder for weed seeds to germinate.
- Sydney faces four other natural balancing factors; hail, cockatoos, possums and ants. Using the appropriate plant communities mitigates these issues and promotes positive invertebrate and vertebrate biodiversity.



ROUNDING UP
THE BENEFITS
OF NATURE

ECO PILLARS

GREEN GABION

Growing trees, hedges and much more, where you didn't think it was possible.

ECO PILLAR GREEN GABIONS

AT INSTALL - 80% MATURITY



100% MATURITY



SPECIFICATION SHEET



Plants	Locally grown and propagated from existing stock 1 feature plant, 24 plants/m ² surface
Saturated Planted Weight (10 years of growth)	540kg per unit Diameter 1,220mm ∴ 540kg/m ² 180 kg per unit Diameter 800mm ∴ 180kg/m ²
Water consumption	Av 1.8L unit/day
Material	95% recycled material
Media	The Greenwall Company Inorganic Growing Media
Standard Sizes	1,220(Diam)x1,000(H) 800(Diam)x800(H)
Coverage	Grown to recommended 80% maturity or supplied as unplanted product to landscapers
Fertiliser	Routine fertigation
Plumbing	Required

Longevity

Growing media does not breakdown overtime providing a long-lasting roof that does not need to be replaced.

Maintenance

All projects come with a maintenance service agreement for 1 year. Planting design and media allows for a low maintenance strategy, often only 4 times a year.

Irrigation

Irrigation is provided along with routine fertigation is used to support healthy growth of plants

Circular planting to minimise waste

Our products product a net waste outcome

Design

Our award-winning team of horticulturists create a bespoke planting plan for each of your projects based on aspect, light, airflow and amenity.

Coverage

Eco Pillar can be grown to 100% maturity. However, like in your garden, plants that are grown from smaller stock in their final location do not suffer new location shock and thrive for longer.

ECO PILLARS GREEN GABIONS



A PLANTER BOX
WITHOUT THE BOX

ECO PLANTERS GREEN GABION

More green impact for less money. Growth of plants
on five out of six sides.
Made to fit your requirements

ECO PLANTER GREEN GABIONS

BEFORE



AFTER



SPECIFICATION SHEET



Plants	Locally grown and propagated from existing stock 24 plants/m ² surface
Saturated Planted Weight (10 years of growth)	110kg/unit 220kg/m ²
Water consumption	Av. 1.8litres/m ² /day
Media	The Greenwall Company Growing Media
Material	95% recycled material
Standard Sizes	1,000mm x 500mm x 500mm
Coverage	Grown to recommended 80% maturity or supplied as unplanted product to landscapers
Fertiliser	Inline fertigation
Plumbing	Required Water-in, water-out

Longevity

Growing media does not breakdown overtime providing a long-lasting roof that does not need to be replaced.

Maintenance

All projects come with a maintenance service agreement for 1 year. Planting design and media allows for a low maintenance strategy, often only 4 times a year.

Irrigation

Irrigation is provided along with routine fertigation is used to support healthy growth of plants

Circular planting to minimise waste

Our products product a net waste outcome

Design

Our award-winning team of horticulturists create a bespoke planting plan for each of your projects based on aspect, light, airflow and amenity.

Coverage

Eco planters can be grown to 100% maturity. However, like in your garden, plants that are grown from smaller stock in their final location do not suffer new location shock and thrive for longer.

ECO PLANTERS

GREEN GABIONS



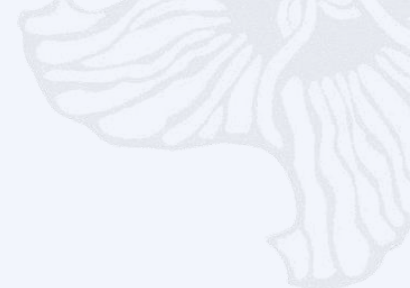
NATURE AT SCALE
IN PLACES IT
COULDN'T BEFORE

ECO SCALE GREEN GABION

More trees, more places and more nature
Less weight, less cost and less hassle.

ECO SCALE

CUSTOM GREEN GABIONS



RECLAIM YOUR BUILT ENVIRONMENT FOR NATURE

CULTIVATE YOUR WILD SIDE NOW

E: Inquiries@greenwall.com.au

P: 02 9969 2682

THANK YOU



Why the Hibiscus flower you ask?

A time ago on Phillip Island, there was a flourishing array of Hibiscus insularis flowers that covered the land.

Along came a new community, unaware of their surroundings and impact on the land, who brought with them grazing goats, pigs and rabbits to fill their bellies.

Soon the land was filled with introduced hungry animals. The natural flora stood no chance, dwindling local beauties like the hibiscus flower into near extinction. Devastation was felt across the land.

Years later the humans realized their wrongs and rallied together in a conservation effort, removing livestock and went in search for the remaining surviving flora.

One lonely species of Hibiscus insularis endured in two small clumps.

This story has a happy ending with the Hibiscus insularis now flourishing again across Phillip Island and so too could your story for the challenges we face today towards a nature positive future.

We have much to learn from the original custodians of this land. Who were aware of their impacts and lived in harmony with the land. Time is now to reclaim the built environment for nature.