



Greenroof
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



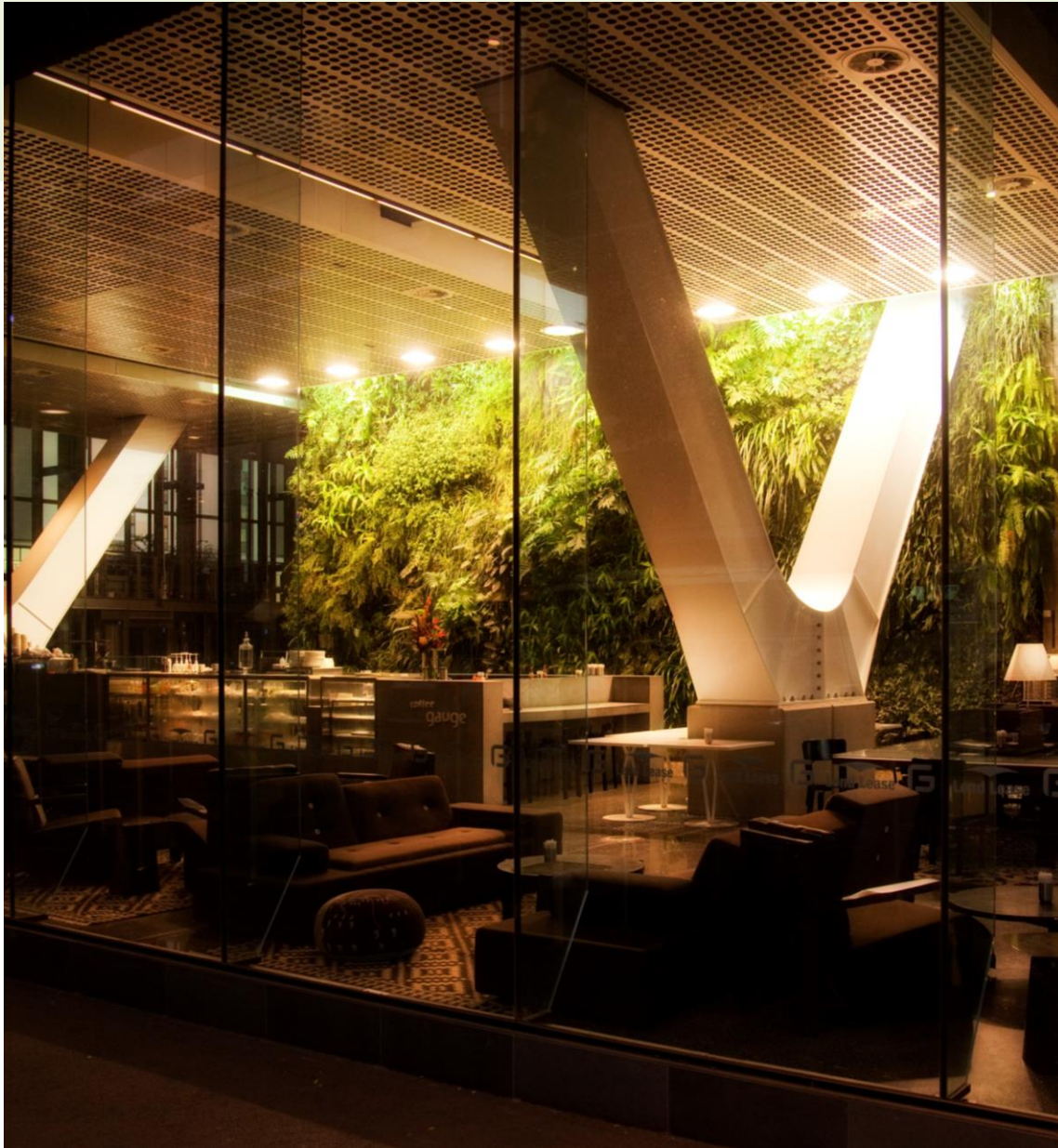
Mark Paul, the founder, a trained Marine Biologist turned Horticulturist, migrated from swimming among the fisheries and working on coral reefs and estuaries, to the dry lands surrounding the Northern Beaches of Sydney. Home to many of the lithophytes and epiphytes that fascinated him as a child, Mark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



WE HELP OUR CLIENTS ACHIEVE THEIR
GOALS THROUGH OUR PRODUCTS



LETTING
MOTHER NATURE
SLEEP EASY

ECO PILLOW

GREENROOFS



Over 2,000
projects



over
35 years old



95% recycled
material



Award winning
horticulturalists

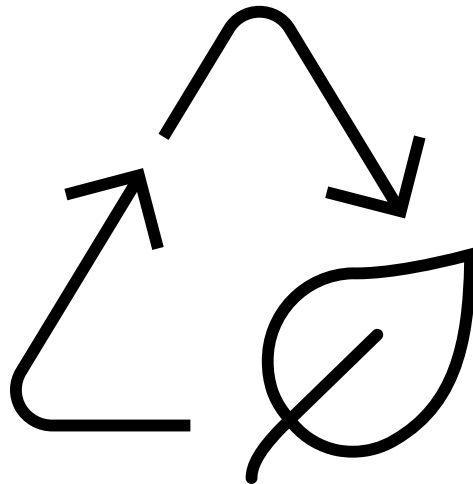
REUSE WASTE, NOT CREATE
MORE TO BE RECYCLED LATER

95 % RECYCLED MATERIAL

A 100m² Greenroof will remove

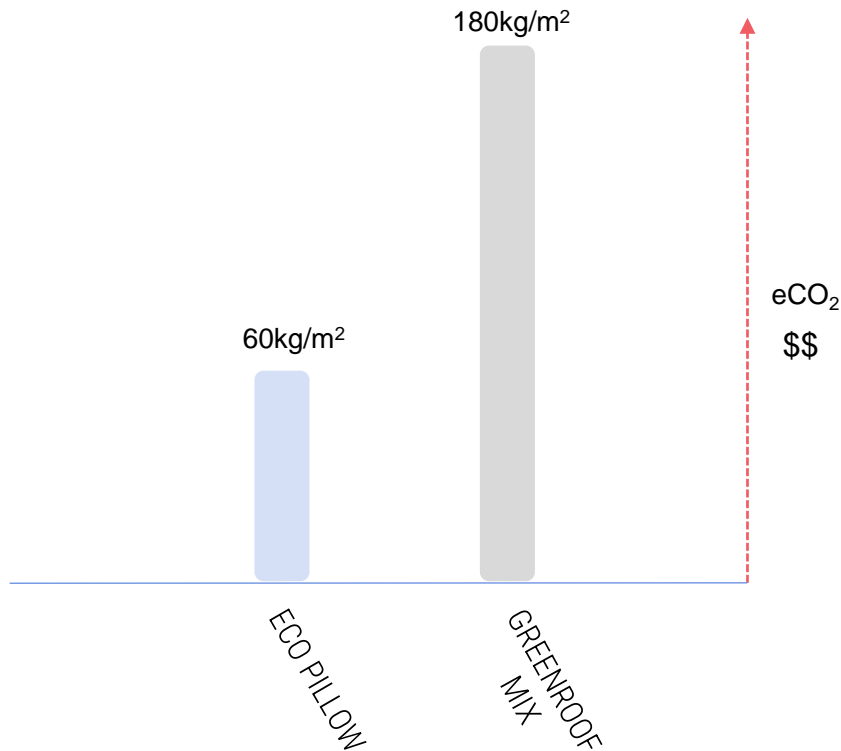
12,000L

of material from Australian landfill and be
repurposed to create new life on your roof.



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

LIGHTWEIGHT MEDIA



Inorganic, Lightweight media

The Greenwall Company's patented inorganic growing media after 10 years of growth, fully storm loaded, will still only weigh 60kg/m².

To put this in perspective, using conventional media (soil) at 120mm depth is 350kg/m² or a standard lightweight greenroof growing media at 150-180kg/m².

Reduced weight and save money

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



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 over time.

Our media does not breakdown and will last the lifetime of the building they are on.

Normal soil will slump overtime, needing to be topped up or replaced.

Take a quick look at the pot plants in your house, have you ever noticed the soil level is not at the same height as when you planted them.



RE-JOINING NATURE'S ECOSYSTEM THROUGH INTELLIGENT PLANTING

CREATING BIODIVERSITY

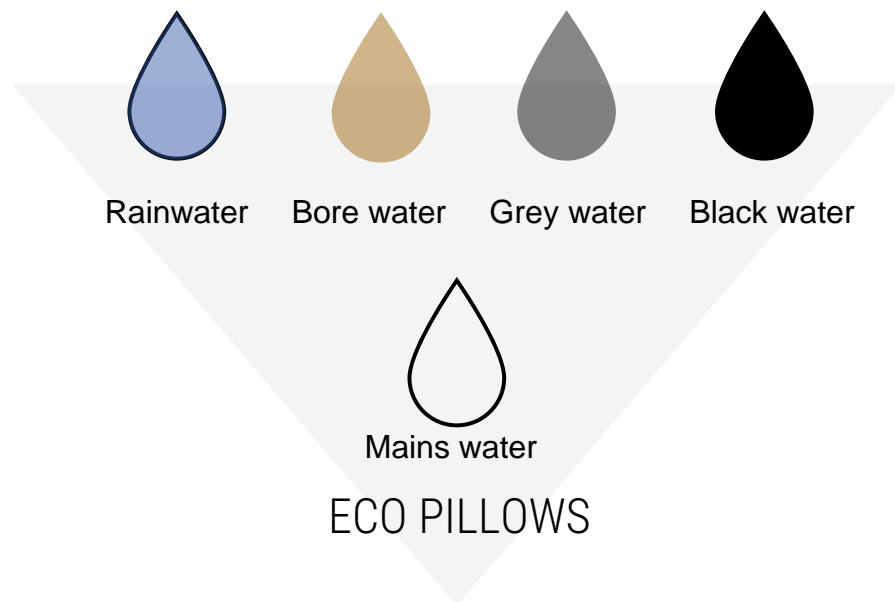
Our award-winning team of horticulturists create bespoke planting systems for each project based on aspect, light, airflow and amenity.

Planting for resilience

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

- Our Eco Pillows 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.

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 eco-pillows 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.



Clever watering

The average nature strip requires 20L/m²/day whereas The Greenwall Company's Eco Pillows only require 1.5L/m²/day.

A greenroof is a natural catchment for water, slowing down initial storm surge run off. Our greenroofs often only require watering in the establishment period which is approximately two years, and our irrigation systems use clever weather monitoring to switch off in rain events.

SPECIFICATION SHEET



ECO PILLOWS GREENROOFS

Plants	Locally grown and propagated from existing stock
Saturated Planted Weight	60kg/m ² - 10 Years of growth
Water consumption	Rain, Grey or Black water average 1.5litres/m ² /day
Media	The Greenwall Company Growing Media
Material	95% recycled material
Standard Sizes	1,000mm x 500mm x 120mm 1,000mm x 500mm x 200mm
Coverage	Can be pre-grown to 100% maturity
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 greenroofs 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, while being high in biodiversity

Irrigation

Routine fertigation is used to support healthy growth of plants

Circular planting to minimise waste

Our walls produce a net waste outcome

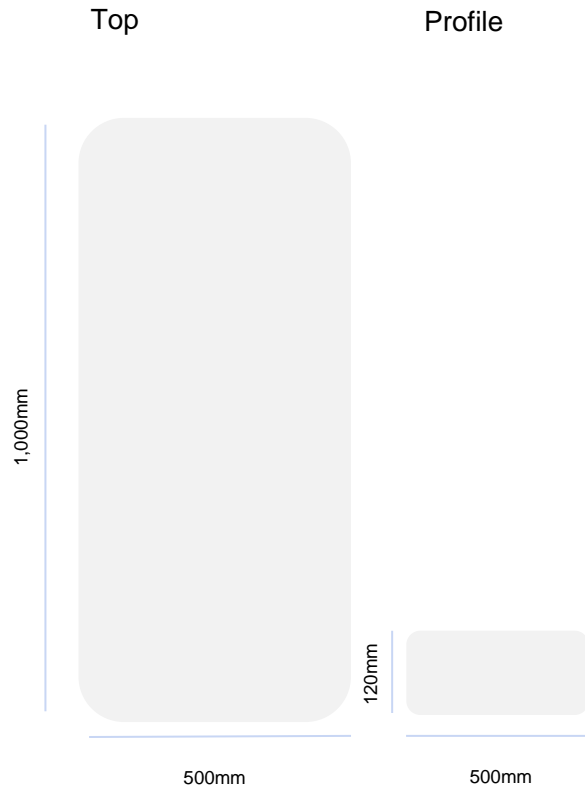
Design

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

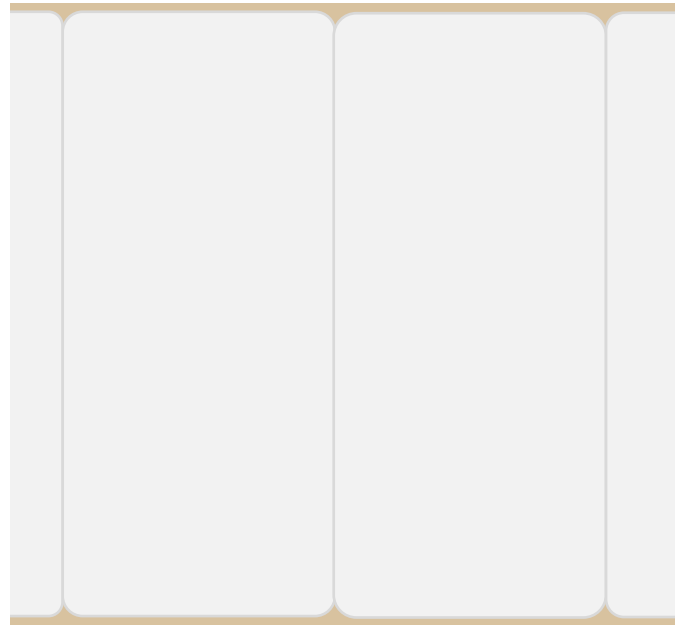
Coverage

Pillow 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.

SPECIFICATION SHEET



INLINE PILLOWS



One growing season until full coverage

SPACED PILLOWS



One growing season until full coverage - reduced cost

ECO PILLOWS

GREENROOFS

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.