Prince's ® SINCE 1995
LANDSCAPE & CONSTRUCTION PTE LTD

HI-GREEN

The System Know-How for Sustainable & Ultra-low Maintenance Green Roofs and Walls

HI-GREEN

Prince's Hi-Green Roof and Vertical Wall Systems use a specialised "live" hydroculture technique to ensure sustained plant health. System components include Prince's unique water and nutrient-absorbent planting medium, Hi-Green Lite Composite, together with irrigation systems and, where necessary, water reservoirs in individual planters. These components reduce the watering requirement and more sustainable, helping to make Hi-Green Vertical Roofs and Walls ultra-low maintenance systems.

Prince's Hi-Green Systems create an instant visual impact, are easily installed, low-maintenance and are an environmentally-friendly way to enhance the interior and exterior appearance of your building.

ADVANTAGES

- Plants extensively tested in our nurseries for a tropical climate
- Systems designed to minimise regular watering
- Modular system ensures fast installation on site
- Intense quality control undertaken before installation
- Excellent accommodation for tough and strong plantation
- Reduced plant damage during stormy weather
- Customised design

ENVIRONMENTAL BENEFITS

- Controls temperature
- Mitigates UHI (urban heat island) effect
- Conserves energy
- Improves air quality
- Reduces noise
- Retards fire

ECONOMIC BENEFITS

- Reduces energy usage
- Increases property value
- Improves company's image

SOCIAL BENEFITS

- Improves livability
- Gives rise to healthier, happier, more creative people

AESTHETIC BENEFITS

- Beautifies bare internal and external walls / roofs
- Adds a natural dimension to a building
- Aesthetically appealing

ROOF PLANTER
ROOF TURF
WALL PLANTER
WALL PANEL
OTHER SYSTEMS

What system is right for you? Our Hi-Green Specialists can advise you!

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For more information about Hi-Green Roof Gardens & Vertical Walls, please visit **www.princelandscape.com**

HI-GREEN

EXTENSIVE GREEN ROOF SYSTEM

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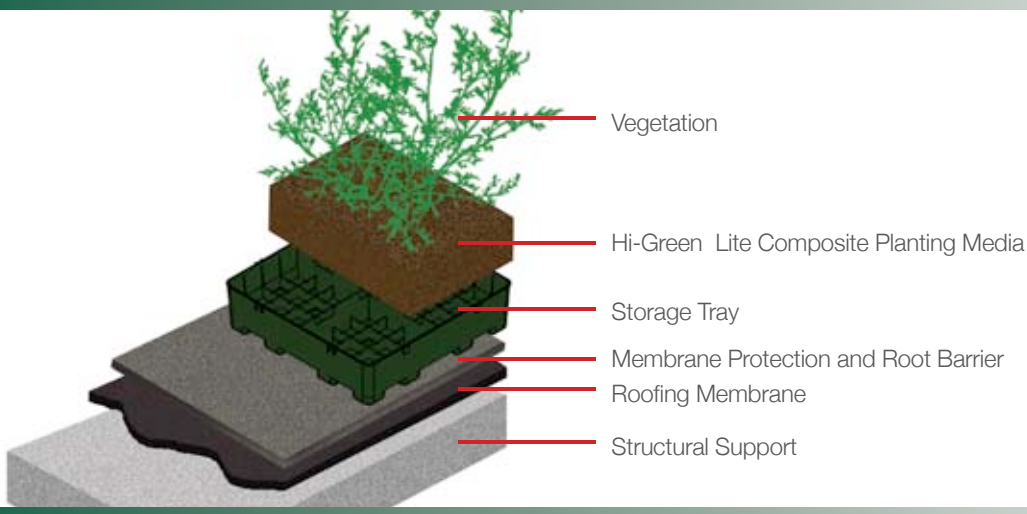
Prince's Extensive Hi-Green Roof System uses planter trays with one of the largest water reservoir capacities in the market. This helps to ensure that the Hi-Green Extensive Green Roof System is ultra-low maintenance.

STRUCTURAL DRAWING

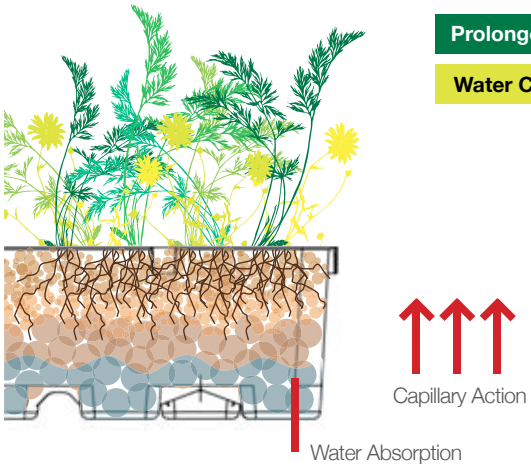


PLANTING MEDIA - HI-GREEN LITE COMPOSITE

A treated, highly absorbent, non-organic, and soil-less volcanic ejecta substrate

CHARACTERISTICS:

- A premix of natural minerals and micro nutrients which are essential for tropical plant growth
- Fertilised to ensure plant health
- No water contamination (unlike organic and soil systems which can cause plant root rot)
- Highly water and nutrient absorbency
- Capillary action ensures that plants receive "non-contaminated" water



Prolonged Plant LIfe

Water Conservation

STORAGE TRAY - PLANTER R

SPECIFICATIONS

Material:	High density recyclable polypropylene resin with anti-UV additive, designed to minimise water leakage
Dimension:	500mm (L) x 500mm (W) x 130mm (H)
Unit Weight:	Approx. 1.7 kg
Water Retention Capacity:	Approx. 34 litres/m^2 (approx. 8.5 litres per tray)
Saturated Weight:	Aprrox. 25 kg (with maximum water storage, saturated growth media and plant or shrub)
Colour:	Green

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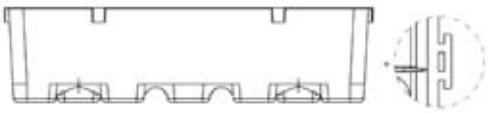
EXTENSIVE GREEN ROOF SYSTEM

INSTALLATION METHOD



Interlocking system
using tongue and groove

PROJECT REFERENCES

ITE COLLEGE WEST

WEE CARE SINGAPORE

FAR EAST SHOPPING CENTRE

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HI-GREEN

INTENSIVE GREEN ROOF SYSTEM

ROOFTOP GARDEN IN QUEENSTOWN



SINGAPORE PAVILION AT SHANGHAI WORLD EXPO 2010



ROOFTOP GARDEN IN SENGKANG


HONGWEN SCHOOL



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