

VGM™ Green Wall

Vertical
Greening
Module



035 - 005
100% recycled
materials



Enhancing Our Environment

VGM™ Green Wall modules enhance our environment by facilitating vertical landscaping of walls and building facades

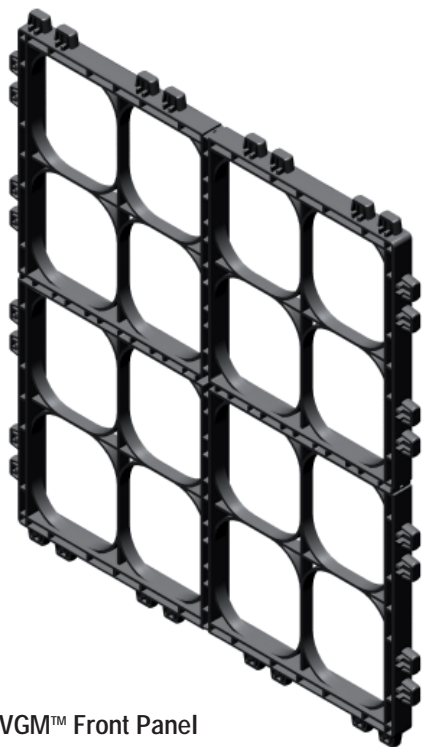


VGM™ Green Wall

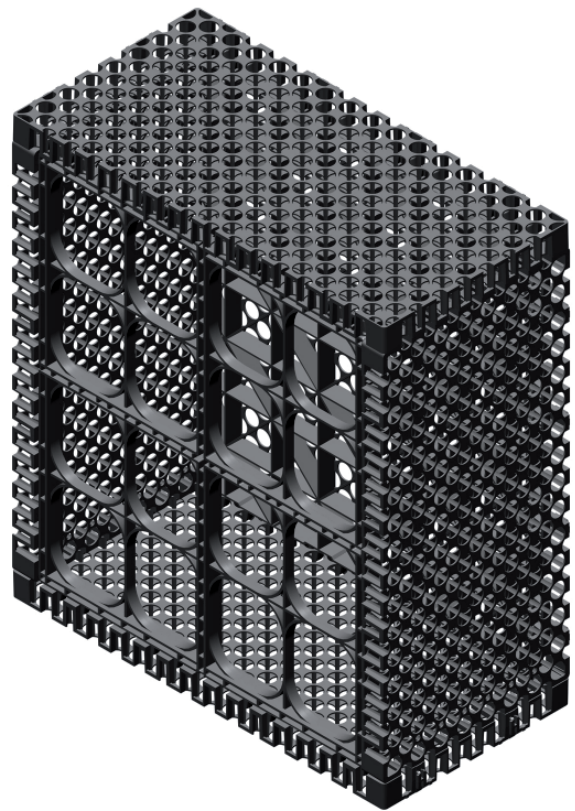
VGM™ Green Wall modules offer architects and developers design flexibility to create greening of both indoor and outdoor vertical walls and facades.

What is VGM™ Green Wall

VGM™ Green Wall comprises vertical greening modules assembled from high strength lightweight structural panels incorporating interlocking snap-on clips manufactured from 100% recycled plastics. The front panel has a unique grid to facilitate plantings of up to 16 plants per panel.



VGM™ Front Panel



VGM™ Green Wall Module

VGM™ Green Wall modules contain a geotextile liner into which is placed a suitable planting mix. The modules are pre-planted in a nursery environment to allow proper establishment to occur before installation on site.

VGM™ Green Wall modules are either mechanically fastened on walls using steel bolts or inserted into free standing steel support racking structures. Drip irrigation systems are installed at appropriate intervals, depending on wall heights. Collection trays may be positioned, at ground level to allow overflow water to be discharged or recycled.

Advantages

- Added aesthetic site value
- Improved heat insulation of walls & facades
- Improved sound insulation
- Enhanced air quality
- Reduced airborne pollutants
- Reduced stormwater runoff

Applications

- Building façades
- Screen walls
- Walkways and linkways
- Feature walls
- Garden landscapes

Assembly Procedures



Assemble the VGM™ Green Wall module



Insert geotextile liner into the VGM™ Green Wall module



Fill VGM™ Green Wall module with planting mix and cover with geotextile



Fully assembled VGM™ Green Wall module ready for planting



VGM™ Green Wall modules pre-planted in nursery

Specifications

Modular Size

VGM™ 250 500 mm W x 560 mm H x 250 mm D

VGM™ 125 500 mm W x 560 mm H x 125 mm D

Material 100% recycled polypropylene

Colour Black

Biological/Chemical Resistance Unaffected by moulds and algae.
Resistance to oils, acids, alkalis and bitumen

Service Temperature -30 °C to 120 °C



Note: The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since this literature was issued. The products in this brochure are manufactured using specified recycled plastics under detailed quality control standards and procedures. Factors including source of raw material and manufacturing processes may impact slightly on the strength of the modules.

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Singapore: +65 6356 2800

Australia: +61 2 9648 2073

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