

VersiWall® GP LW

Green Wall



**Creating Cities
Where Urban Meets Nature**

Our Innovation Your Solution

VersiWall® GP LW is a lightweight modular green wall system which gives architects and builders a flexible, a cost-effective solution to convert dull and monotonous walls into aesthetically-pleasing living walls. The system has a variety of mounting, planting density and growth media options to suit different installation requirements.

About VersiWall® GP LW

VGP LW is a lightweight, low-maintenance and flexible vertical greening system that allows designers the freedom to articulate aesthetically pleasing green walls anywhere.

VGP LW has been designed with both ease of installation as well as safety in mind. Trays can be mounted either through direct wall fixing or mounted on a mesh, which includes security clips and a security screw system to prevent the trays from being accidentally dislodged. The trays can also accept standard 100 mm plant pots instead of filling the Tray with growing medium.

VGP LW allows for convenient plant maintenance and design change, with trays removable from their mounts without disturbing the irrigation system. Each tray has a water reservoir to sustain plant growth and minimize maintenance.

VGP LW comes in two lengths so that they can fit the overall length of an installation, with minimal gaps between trays and a continuous line of planting even around corners. The longer tray length (500 mm) makes VGP LW more cost-effective compared to systems comprising of shorter length trays.

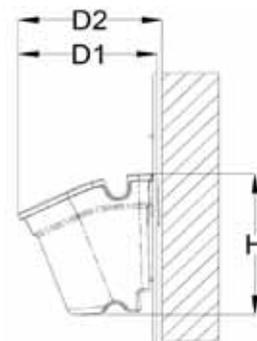
Advantages

Lightweight	68 kg/m ² to 75 kg/m ² with no added load to existing structure.
Safety	Fastening screws prevent inadvertent dislodgement of trays.
Drainage	Drainage outlets allows excess water to flow into underlying trays or fitted to discharge pipes.
Plant Density	Flexible vertical and horizontal tray spacing allows variable plant density and design options.
Water Re-use	Base reservoir enables re-use of stored water/fertiliser.
Irrigation	Irrigation pipes are concealed between trays or at the rear.
Installation	Easily secured directly to the wall mounted on standard welded mesh or rods.
Tray Width	250 mm and 500 mm tray widths facilitate easy planning and design of green wall.

Technical Specifications

Material	Polypropylene
Tray size	
VGP 250LW	250 mm (W) x 148 mm (H) x 140 mm (D1)
VGP 500LW	500 mm (W) x 148 mm (H) x 140 mm (D1)
Depth from wall	143 mm
Tray planting volume	
VGP 250LW	~ 2.1 L
VGP 500LW	~ 4.6 L
Weight (planted)	
VGP 250LW	< 68 kg/m ²
VGP 500LW	< 75 kg/m ²
Vertical pitch between trays	> 125 mm
Biological resistance	Unaffected by moulds and algae
Chemical resistance	Resistant to rot, oils, acids, alkalis, bitumen and naturally occurring soil chemicals
Service temperature	- 30 °C to 80 °C

* Maximum dimensions shown. Cut to appropriate size.



A security hologram has been applied on all our products to ensure that the end-user receives the best quality and original Elmich product.



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 the issue of this literature. Environmentally-friendly recycled materials are used in product manufacture wherever possible. Physical product properties including colour may differ due to source of raw materials used. Colour may also fade due to UV exposure. All components of the product are designed for specific application, design calculations and any variation and/or deviation therefrom shall be the responsibility of the specifier and/or user.



ELMICH PTE LTD www.elmich.com

Singapore: (+65) 6356 2800

info@elmich.com

Singapore | Australia | Germany | Malaysia | Switzerland | USA

