



VersiWall™ GP

Living Wall Modular Vertical Planting Trays



**Creating Green Cities
Where Urban Meets Nature**

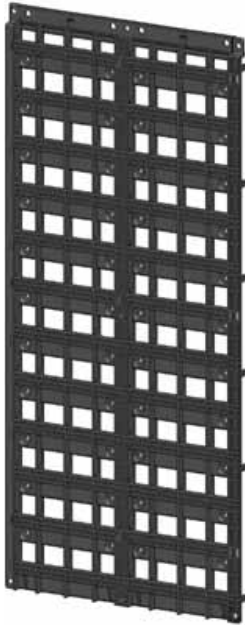
Our Innovation Your Solution

VersiWall™ GP Living Wall offers architects and developers a cost-effective solution to turn monotonous walls into aesthetically-pleasing living green walls with the flexibility of choosing from an array of mounting options to suit existing wall conditions.





VersiWall™ GP Tray



VersiWall™ GP Mounting Panel

VersiWall™ GP is an easy-to-install and low maintenance modular vertical greening system with a choice of mounting, planting density and growth media options to suit different wall conditions.

A unique feature of the system is the ability to create curved walls (minimum 44cm radius) when the trays are mounted on weld mesh.

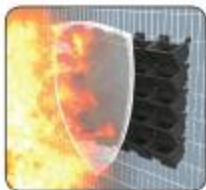
Depending on plant size and density desired, VersiWall™ GP Trays allow plant spacings of between 200mm and 300mm horizontally and 150mm or 225mm vertically, subject to mounting panel option.

VersiWall™ GP Trays can be individually replaced or removed for wall maintenance or design change. Each VersiWall™ GP Tray has a water reservoir with a cover designed to allow capillary wicking through the planting medium to re-use stored water and facilitate sustained plant growth.

The use of mounting frames minimises wall penetrations and enables installation to be carried out easily and safely by just one person.

VersiWall™ GP Trays and VersiWall™ GP Mounting Panels are manufactured from UV-stabilised recycled polypropylene that meets requirements for international "Green Building" certification.

A fire resistant version is also available.



Fire Resistance Version Available



Toxicity emission BS 6853 Annex B R < 1.0
 Smoke density BS EN 13501-1 Smoke density: Class S1
 Flaming droplet: Class D0
 Fire spread BS EN 13501-1 Fire spread: Class B

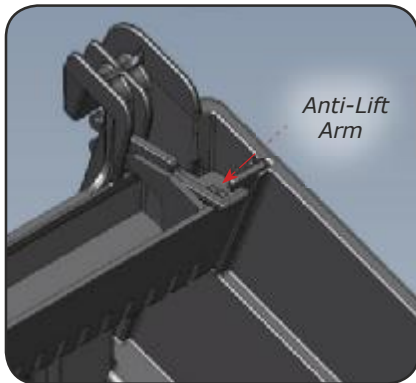


Enhancing the Urban Experience

Distinctive Features

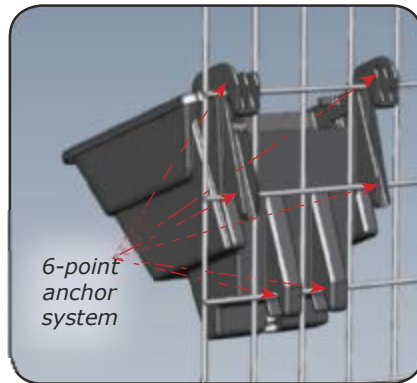
Safety

Anti-lift arms prevent the inadvertent dislodgment of trays by natural causes or accident.



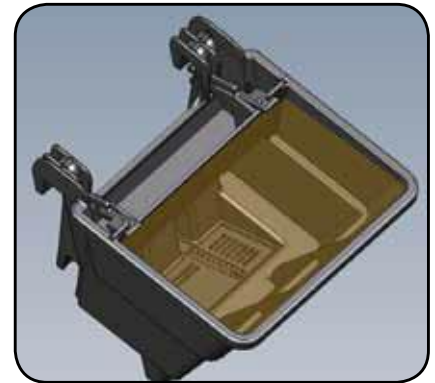
Multi-Point Mounting

3 pairs of anchor hooks provide flexibility, allowing a variety of mounting and design options.



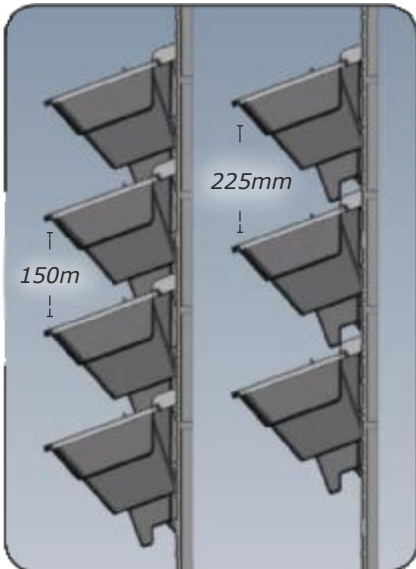
Planting Media

Suitable for most green wall plants and common planting media.



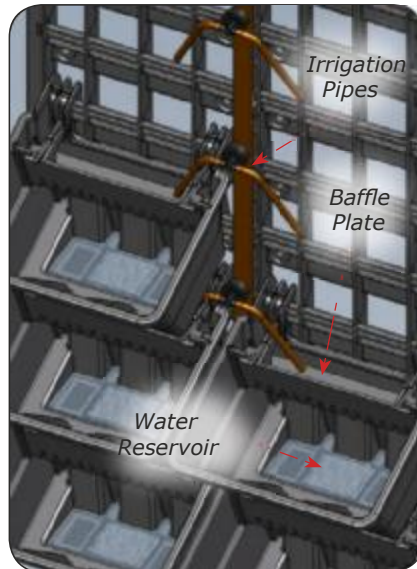
Plant Density

Variable vertical and horizontal tray spacing allows different planting and design options.



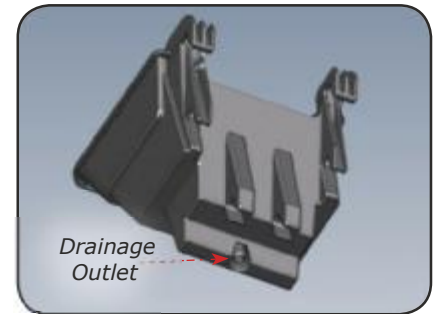
Baffle Plate & Reservoir

Distributes irrigation, prevents media spillage and stores excess water to sustain healthy growth.



Drainage

Excess water flows into underlying trays or is discharged through a drainage outlet.



VGP Tray Plug
Optional plug prevents water from draining out.



Technical Specifications

VersiWall™ GP

Material	Recycled UV Polypropylene
Size (mm)	
Tray (Overall)	195 (W) x 207 (H) x 192 (D)
Nominal	200 (W) x 150 (H) x 195 (D)
Mounting Panel (Overall)	418 (W) x 925 (H) x 22 (D)
Nominal	400 (W) x 900 (H) x 22 (D)
Planting Media Volume (l)	~ 1.8
Weight on Mounting Panels (kg/m ²)	
Close Planting (~33 trays)	~ 93
Spaced Planting (~22 trays)	~ 62
Vertical Distance between trays (mm)	
@150mm pitch	0 (trays overlap)
@225mm pitch	40
Biological / Chemical Resistance	Unaffected by moulds and algae good resistance to alkali and bitumen



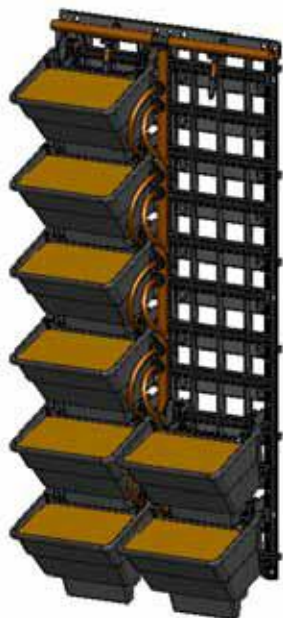
Manufactured by Elmich. Look for the security hologram applied on all products to ensure best quality and original Elmich product.

Detailed installation guidelines available on request

Advantages

- Planting Media** - Allows wide choice of planting media for green wall plants.
- Safety** - Anti-lift arms prevent inadvertent dislodgement of trays.
- Drainage** - Excess water flows into underlying trays or is discharged through drainage pipe.
- Baffle Plate** - Distributes irrigation across the Tray and prevents media spillage.
- Planting Density** - Allows different vertical and horizontal spacing for varied planting options.
- Water Re-use** - Capillary wick draws stored water and fertilizer from reservoir.
- Irrigation** - Irrigation pipes are concealed neatly at the rear between Trays.
- Universal Mounting** - Able to install on different mounting systems with up to 6 universal anchoring points.
- Mounting Panel** - Simplifies installation with minimal wall penetrations and less bolts are needed.
- Soil Volume** - Holds 1.8L of soil equivalent to volume in 150mm dia. pot.
- Tray Width** - 200mm tray width allows flexibility in plant spacing and tray layout.

Mounting Systems

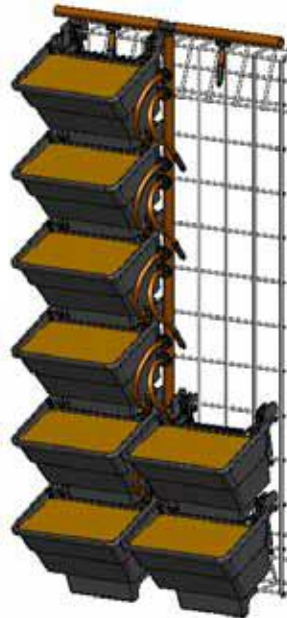


VersiWall™ GP Mounting Panel

Easy to install proprietary panel made from recycled plastics.

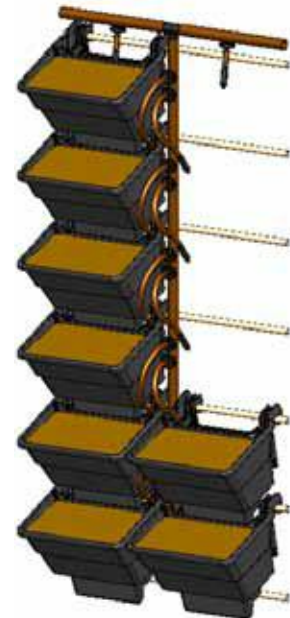


VGP Mesh Bracket for quick and easy installation



Welded Mesh

75 x 75mm or 50 x 75mm galvanised/stainless welded mesh



Steel Rods

Steel rods at 75mm intervals for a more minimalist design.

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.

