Elmich VGPTM 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 Planter
Vertical Greening Pocket

Our Innovation Your Solution
Elmich VGPTM 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 Planter

VersiWall™ GP offers a simple solution for installation of aesthetically-pleasing living walls.

About Elmich VGP™ Planter Wall

The 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.

Depending on plant size and planting density selected, VersiWall™ GP Trays allow plant spacings of 200mm and 250mm horizontally and 150mm and 225mm vertically.

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 for the provision of a capillary wick 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.

* VersiWall™ GP has international patent pending.
**Distinctive Features**

**Planting Media**
Suitable for most green wall plants using different planting media.

**Safety**
Anti-lift arms prevent inadvertent dislodgment of trays.

**Universal Mounting**
Able to install on different mounting frames with 6-point anchoring system.

**Baffle Plate**
Distributes irrigation across the Tray and prevents media spillage.

**Planting Density**
Allows different vertical and horizontal spacing for varied planting options.

**Drainage**
Excess water flows into underlying trays or is discharged through drainage pipe.

**Projects**

- Enhancing the Urban Experience
  - Singaplural @Dhoby Ghaut, Singapore
  - Eco-Product International Fair, Singapore
  - Green Sparks, Singapore

**Anti-Lift Arm**

**Irrigation Pipes**

**Baffle Plate**

**150mm**

**225mm**

**VGP Tray Plug**
Prevents water from draining out of VGP Tray. Available separately.

*Indoor and Outdoor Green Walls*
## Technical Specifications

### VersiWall™ GP

**Material**  
Recycled Polypropylene (UV stabilised)

### Size (mm)

<table>
<thead>
<tr>
<th>Component</th>
<th>Overall</th>
<th>Nominal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tray</td>
<td>195 (W) x 207 (H) x 192 (D)</td>
<td>200 (W) x 150 (H) x 195 (D)</td>
</tr>
<tr>
<td>Mounting Panel</td>
<td>418 (W) x 925 (H) x 22 (D)</td>
<td>400 (W) x 900 (H) x 22 (D)</td>
</tr>
</tbody>
</table>

### Planting Media Volume (l)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>~ 1.8</td>
</tr>
</tbody>
</table>

### Weight (kg/m²)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Close Planting</td>
<td>~ 93</td>
</tr>
<tr>
<td>Spaced Planting</td>
<td>~ 62</td>
</tr>
</tbody>
</table>

### Vertical Distance between trays (mm)

<table>
<thead>
<tr>
<th>Pitch</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>150mm</td>
<td>0 (trays overlap)</td>
</tr>
<tr>
<td>225mm</td>
<td>40</td>
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</tbody>
</table>

### Biological / Chemical

<table>
<thead>
<tr>
<th>Resistance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Unaffected</td>
<td>moulds and algae</td>
</tr>
<tr>
<td>Good resistance</td>
<td>alkali and bitumen</td>
</tr>
</tbody>
</table>

### 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.

**Welded Mesh**

- Standard welded mesh with rod spacing 50mm wide x 75mm or 150mm high.

**Steel Rods**

- Steel rods at 75mm or 150mm intervals providing a more minimalistic design.

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