The TYPAR GEOCELL GS cellular confinement system utilizes the strength and permeability of TYPAR Geotextiles to create a 3-Dimensional cellular confinement system. Manufactured from dark grey PP/PE bicomponent fiber geotextile, the cell walls are permeable to water, air and nutrients, increasing stability and vegetative performance. The TYPAR GEOCELL GS system ships in compacted panel form and expands into a honeycomb formation to the desired shape and dimension on-site. The unique, lightweight, flexible material conforms to surface variations to improve ease of installation while resisting impact damage. A variety of infill materials, including native soils and recycled aggregates, may be used to reduce waste material and overall construction costs.

**Application**

For Slope Protection

The TYPAR GEOCELL GS cellular confinement system improves resistance to erosive forces on steep, unstable, or slopes exposed to severe hydraulic or mechanical stresses. Variable cell depths and diameters provide cost-effective options for protection up to 1:1 (45 deg) slopes.

**Suitable applications**

- Landfills
- Mining
- Highway Embankments
- Bridge Abutment

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<table>
<thead>
<tr>
<th>Product</th>
<th>Panel Size</th>
<th>Cell Diameter</th>
<th>Cell Depth</th>
<th>Panel Weight</th>
<th>Material</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPAR GEOCELL GS 250/100</td>
<td>16.4’ x 23’</td>
<td>9.8”</td>
<td>4”</td>
<td>37.5 lbs</td>
<td>Non-woven PP/PE</td>
<td>Up to 1:1 slope</td>
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<tr>
<td>TYPAR GEOCELL GS 250/150</td>
<td>16.4’ x 23’</td>
<td>9.8”</td>
<td>6”</td>
<td>55 lbs</td>
<td>Non-woven PP/PE</td>
<td>Up to 1:1 slope</td>
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<tr>
<td>TYPAR GEOCELL GS 350/100</td>
<td>16.4’ x 23’</td>
<td>13.8”</td>
<td>4”</td>
<td>24 lbs</td>
<td>Non-woven PP/PE</td>
<td>Up to 1:2 slope</td>
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<tr>
<td>TYPAR GEOCELL GS 350/150</td>
<td>16.4’ x 23’</td>
<td>13.8”</td>
<td>6”</td>
<td>37.5 lbs</td>
<td>Non-woven PP/PE</td>
<td>Up to 1:2 slope</td>
</tr>
</tbody>
</table>

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