

Strataweb Weight Capabilities

Strataweb is a high performance three dimensional cellular confinement system. Strataweb panels are 2.56m x 8.35m and when filled with granular material, Strataweb provides superior confinement and reinforcement for load support, erosion control, and slope reinforcement applications. Strataweb is manufactured from extruded strips of HDPE that are precision welded to form multiple cell heights and sizes. Sections consist of 58 strips of HDPE, resulting in sections of 29 cells long and 8 cells wide. If perforations are required then 11% + 2%, and 16% + 3%, of cell wall removed.

Strataweb Depth	Unit	Gross Vehicle Weight (GVW)	Application
200 mm	Kg	< 60,000	HGV & Unusual – Crane / piling rig
200 mm	Kg	< 50,000	Heavy Construction Traffic
150-200 mm	Kg	< 30,000	Standard Construction Traffic & Refuse vehicle
150 mm	Kg	< 16,000	Emergency Access & Tractors
100-150 mm	Kg	< 9,000	Delivery Vans
100-150 mm	Kg	< 6,000	Car Park: Cars & Light van
100 mm	Kg	< 3,000	Domestic Traffic: Cars

Note:

- For higher demand weight applications, Strataweb can be layered to create a 300mm system
- This is a general guidance on Strataweb according to the Gross Vehicle Weight for a firm and stable subgrade (CBR>3%). If the ground conditions are poor and/or unstable please Geosynthetics Limited to provide a site specific design.

This chart is provided as a guide line for generic average site conditions only. For a site specific calculation, please ask a member of Geosynthetics to provide a questionnaire. This information will provide our engineers the capability to produce a site specific technical recommendation and CAD detail. For more information on Strataweb please contact Geosynthetics Limited sales office on 01455 617139.

