

Cellweb® TRP Weight Capabilities

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 Ltd to provide a questionnaire. This information will provide our engineers the capability to produce a site specific technical recommendation and CAD detail.

- **75mm Cellweb® TRP confinement system**
For foot and cycle traffic. This also provides a control measure for crust compaction
- **100mm Cellweb® TRP confinement system**
For domestic traffic, such as cars and transit vans up applicable up to a 6t gross weight
- **150mm Cellweb® TRP confinement system**
For emergency access and refuse collection applicable up to a 30t gross weight
- **200mm Cellweb® TRP confinement system**
For H.G.V and construction traffic applicable up to a 60t gross weight

In some specific conditions 2 layers of Cellweb® TRP 100mm can be installed for the construction phase of traffic. On completion of the construction phase, the top 100mm can be removed. The bottom 100mm can remain insitu to provide a permanent access for cars and transit vans.

For higher demand load applications or to overcome a significant change in levels, the Cellweb® TRP system can be stacked in multiple layers.

For guidance and advice please contact our Engineering team on 01455 617 139 .

Depth of Cellweb® TRP	Unit	GrossVehicleWeight(GVW)	Application
200 mm	Kg	< 60,000	HGV & Construction Traffic
150 mm	Kg	< 30,000	Emergency Access & Refuse Vehicles
100 mm	Kg	< 6,000	Cars up to a Transit Van
75 mm	Kg	< 1,000	Pedestrians & Cycleways

Note: This is a general guidance for the depth of Cellweb® TRP according to Gross Vehicle Weight for a firm and stable subgrade (CBR>3%). If the ground conditions are poor and/or unstable please contact Geosynthetics Ltd to provide a site specific design.

