

1 **Typar® Geocell GS 220/200 : Typical Pinning Diagram**
Scale : N.T.S.

DESIGN NOTES:

- Note 1: Where weak and / or waterlogged ground conditions exist, these must be improved prior to placement of Typar® Geocell GS.
- Note 2: Level the existing surface prior to applying Typar® Geocell GS.
- Note 3: A suitable geotextile should be installed as a separator between Typar® Geocell GS and the existing surface.
- Note 4: Fixing Pins should be used to fix each cell along the entire perimeter of the panel and at a rate of 1 fixing pin every 2 feet along edge. Ensure all 4 corners are secured. Fixing pins must be secured to the cellular wall by aligning the hooked end over the cell.
- Note 5: After Typar® Geocell GS has been anchored in place, in-filling of the cells may be carried out. For general convenience, it is advisable to fill from the edge inward, or from the toe (bottom) of slope upward. Aggregate may be compacted into place using an appropriate method which will not damage the fabric of Typar® Geocell GS.
- Note 6: Ensure Typar® Geocell GS is completely covered, prolonged exposure to sunlight will effect the products longevity.
- Note 7: Do Not drive on surface prior to filling with crushed aggregate
- Note 8: Advice on suitability for specific applications including the use of a geogrid layer is available from Typar Geosynthetic's technical team .

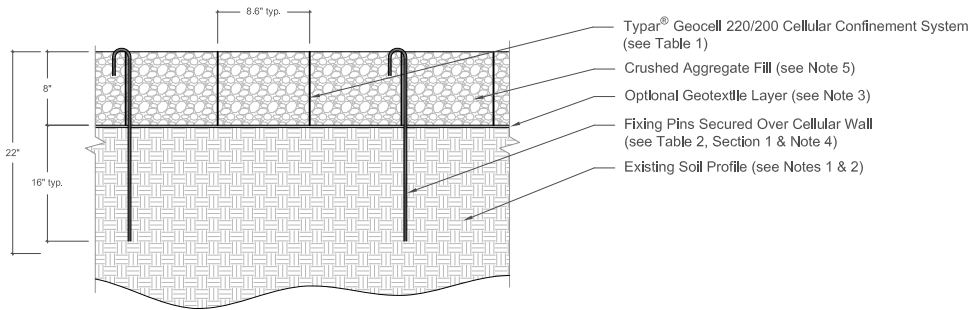
Table 1 : Typar Geocell GS™ 220/200 Product Specifications

Physical Properties	Unit of Measurement	220/200
Cell Nominal Diameter	In	8.6
Cell Depth	In	8
Panel Length (Nominal)	Ft	20
Panel Width (Nominal)	Ft	10
Number of Cells in Length (L)	No.	44
Number of Cells in Width (W)	No.	14
Cell Length (Nominal)	In	10.39
Cell Width (Nominal)	In	8.58
Color		Dark Gray
Panel Weight (Nominal)	lbs	44
Mechanical / Hydraulic Properties		
Cell Wall Tensile Strength	lb/ft	1,418.4
Cell Junction Peel Strength	lb/ft	685.22
Cell Wall Permeability	lm².sec	45
Slope Applications	Not Recommended	Not Recommended
Load Capacity - Vehicle Type		Heavy Vehicles
Soil Stabilization Applications:	Permanent Woodland Trails, Paths, Driveways, Roads, Access Routes & Parking Areas	
Slope Applications:	Not Recommended For Slope Applications!	

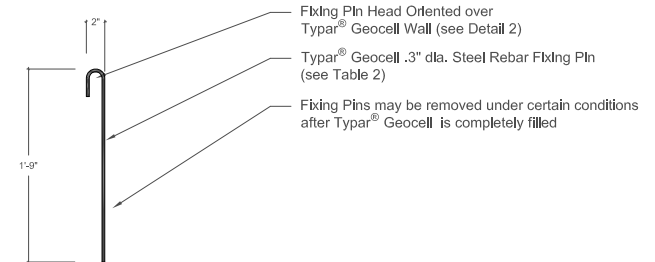
Table 2 : Typar Geocell GS™ Fixing Pins

Product	Material	Size	Qty/Pack	Installation (Recommended)
Fixing Pins	Steel Rod	22"x4"x0.32"dia.	Each	1 pin every 2 ft around perimeter

Please note that the information above is given as a guide only. All sizes and weights are nominal figures and may vary to what is published. Polymer Group Inc. cannot be liable for damage caused by incorrect installation of this product. Final determination of the suitability of any information or material for the use contemplated and the manner of its use is the sole responsibility of the user and the user must assume all risk and responsibility in connection therewith.



2 **Typar® Geocell GS 220/200 : Typical Construction Profile**
Scale : N.T.S.



3 **Typar® Geocell GS Fixing Pin**
Scale : N.T.S.