

SELECTION GUIDE



GEOSYNTHETICS

Base Stabilization

Application	Type	Cell Depth
Horse Paths, Yards, ATV Trails	GD254/GD330	75mm/100mm
Pavement, Bike Lanes	GD356/GD445	50mm/75mm/100mm
Parking lots, Light Vehicles, Light Industrial	GD330/GD356/GD445	75mm/100mm/120mm
Large Vehicles, Heavy Industrial	GD356/GD445	100mm/120mm/150mm/200mm
Airport Runways, Railways Support, Pier	GD356/GD445	150mm/200mm/250mm
Tree Root protection, Subbase Stabilization	GD660/GD712	200mm/250mm/300mm

Slope

Slope Steepness	Type	Cell Depth
6:1, 5:1 or less	GD660/GD712	100mm/150mm
4:1	GD356/GD445/660	100mm/150mm
3:1	GD445/GD660	150mm/200mm
2:1	GD356/GD445	150mm/200mm/250mm
1:1 or steeper	GD356/GD445	200mm/250mm/300mm

Retaining Walls

GD 445 - 150mm/200mm		GD 660 - 150mm/200mm	
Cell Embedment	Panel Expansion	Cell Embedment	Panel Expansion
3 cells	4.48 m × 0.87 m	3 cells	4.70 m × 1.35 m
4 cells	4.48 m × 1.16 m	4 cells	4.70 m × 1.80 m
5 cells	4.48 m × 1.44 m	5 cells	4.70 m × 2.25 m
6 cells	4.48 m × 1.73 m	6 cells	4.70 m × 2.70 m

Channels

Flow Velocity	Type	Cell Depth	Infill Material
Up to 3 m/s	GD330/GD356	100mm/150mm/200	Angular Rock
Up to 6 m/s	GD356/GD445	100mm/150mm/200	Vegetated Soil
Over 6 m/s	GD445/GD660/GD712	100mm/150mm/200	Concrete