



StrataGrid SG150

Cross-Machine Direction

Geogrid Type: StrataGrid SG150
Segmental Unit: GeoStone Landscape

Segmental Unit Connection Strength Data

Test Facility: SGI Testing
Test Date: May 2009

Laboratory Test Data

Normal Load (lb/ft)	Peak Connection (lb/ft)	3/4" Connection (lb/ft)
200	618	370
450	865	419
700	919	428
700	970	453
700	1027	518
950	1059	542
1200	1089	567

Segmental Unit: GeoStone Landscape

Height (in.)	4
Width (in.)	12
Length (in.)	18
Weight (infilled) (lbs.)	110
Center of Gravity (in.)	6

Segmental Unit Interface Shear Data

	Ultimate State	Serviceability State
Block to Block		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

At Geogrid Level		
Minimum (lb/ft)	N/A	N/A
Friction Angle (deg)	N/A	N/A
Maximum (lb/ft)	N/A	N/A

	Ultimate State	Serviceability State
Geogrid Connection		
Minimum (lb/ft)	550	325
Friction Angle (deg)	30	12
Maximum (lb/ft)	1060	560

