



**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
<b>Block to Block</b>		
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
<b>At Geogrid Level</b>		
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
<b>Geogrid Connection</b>		
Minimum (lb/ft)	550	325
Friction Angle (deg)	30	12
Maximum (lb/ft)	1060	560

