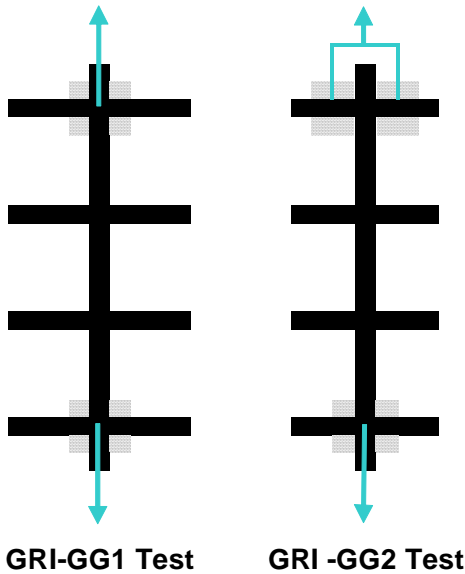




The Junction Efficiency of E'GRID Biaxial Geogrids



The junction efficiency of a biaxial geogrid is determined from the results of two tests developed by the Geosynthetics Research Institute, Philadelphia, USA. The methodology of these tests is illustrated on the right.

GRI GG1 measures the strength of an individual rib of the geogrid.

GRI GG2 measures the shear strength of a pair of junctions on either side of a rib.

The Junction Efficiency is the ratio of the mean GG2 test result to the mean GG1 test result.

Test results from typical product batches are shown in the table below:

Product		E'GRID 2020	E'GRID 2020L	E'GRID 3030	E'GRID 3030L	E'GRID 4040	E'GRID 4040L
Batch Number		070706	070524	080318	081125	080124	081010
Junction Efficiency : %	MD	99.8	100.1	97.5	98.5	101.6	99
	TD	101.5	98.6	99	98.1	102.9	98.3

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