

STRATA *Microgrid*

Product Data Sheet

STRATA *Microgrid* is a finely-knitted polyester, saturation-coated reinforcement geogrid with an open structure providing excellent interlock with soils while maintaining high permeability. *Microgrid* is precision knitted with diagonal "stabilizer" tie yarns and impregnated with PVC, resulting in a stable finished product easy to handle and install. *Microgrid* is truly a biaxial geogrid, with equal tensile strengths in both the machine (MD) and cross machine direction (CMD).

| | Property | Test Method | Units | Values |
|------------------------------------|---------------------------|-------------|----------|---------------------------------|
| GEOMETRY | | | | |
| | Aperture size: | caliper | in | .10 in base by .25 in height |
| | Percent Open Area | COE | % | 50 |
| | Thickness: | ASTM D 1777 | in | .025 inches |
| STRENGTH (MD & CMD) | | | | |
| | Wide width tensile | ASTM D4595 | lb/ft | 1,600 |
| | Ultimate Strain % | ASTM D4595 | % | 15 |
| | Creep Reduced strength | ASTM D5262 | lb/ft | 995 |
| | Long Term Design Strength | GRI-GG4 | lb/ft | 800 |
| ROLL DIMENSIONS | | | | |
| | Roll Width | measured | ft | 8 |
| | Roll Length | measured | ft | 225 |
| | Roll Area | measured | sq. yard | 200 |
| | Roll Weight | measured | lbs. | 65 |

STRATA *Microgrid* may, be used for primary or secondary reinforcement in low height segmental retaining walls, as primary or intermediate reinforcement in reinforced slopes, and as facing wrap for wrapped-faced steep slopes. STRATA recommends that all reinforced soil structures be designed by a competent, licensed engineer familiar with the local site conditions and STRATA *Microgrid*.

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Specifications subject to change without notice. The product is specifically designed for the applications lighted herein. The sizing, use, and selection of the product should be completed by a competent design Professional. The performance data herein reflect Strata System, Inc.'s expectation based on tests conducted in accordance with recognized standard methods. The sale of these products shall be subjected to the Terms and Condition of Sale as set forth in Strata Systems, Inc.'s sales forms. Such Terms and Conditions of Sale will provide that Strata Systems, Inc. will have no liability for consequential damages and will include certain limited express warranties concerning these products. ALL OTHER EXPRESS AND IMPLIED WARRANTIES OF MECHANABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED BY STRATA SYSTEMS, INC. No agent, representative, or employee of Strata Systems, Inc. is authorized to modify this disclaimer. Microgrid is a trademark of Strata Systems, Inc. © 2000, Strata Systems, inc. Printed in USA.