



DECLARATION OF PERFORMANCE

NO: DOP – SG -17

1. Unique identification code of the product type:

STRATA GRID (Coated geotextile grid.)

2. Type, batch, or serial number on any other element allowing identification of the construction product:

Microgrid, SG150, SG200, SG350, SG500, SG550, SG600, SG650, SG700

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Used a geogrid reinforcement for soil. A civil engineering solution.

4. Name, registered trade name, or registered trade mark and contact address of the certificate holder:

Strata Systems, INC.
380 Dahlonega Road, Suite 200
Cumming, GA 30040

800-680-7750

5. System or systems of assessment and verification of constancy of performance of the construction product:

System – 2+

6. The notified body, AENOR, performed under System 2+ the following tasks:

-the initial inspection of the manufacturing plant and production control, and
-continuous surveillance, assessment, and evaluation of manufacturing production control,

-and issued the certificate of conformity (0099/CPR/A42/0065) of the manufacturing production control.

7. Declared Performance:

Design Properties			Microgrid	SG150	SG200	SG350	SG500	SG550	SG600	SG650	SG700
Ultimate Strength (3) (MD)	ASTM D 6637	lbs/ft	2,000	1,875	3,600	5,000	6,400	8,150	9,100	10,500	11,800
		(kN/m)	(29.2)	(27.4)	(52.5)	(73.0)	(93.4)	(118.9)	(132.8)	(153)	(172.2)
Creep Limited Strength	ASTM D 5262D 6992	lbs/ft	1,149	1,136	2,323	3,226	4,129	5,258	5,871	6,775	7,613
		(kN/m)	(16.8)	(16.6)	(33.9)	(47.1)	(60.3)	(76.7)	(85.7)	(99)	(111.1)
Tensile Strength	EN10319	MD (kN/m)	29.2	27.4	52.5	73.0	93.4	118.9	132.8	153	172.2
		XD (kN/m)	29.2	27.4							
Elongation Performance	EN10319	MD (%)	14	15	14	14	14	14	14	14	14
		XD (%)	20	20							
CBR Puncture (Microgrid Only)	EN-ISO-12236		2.0 (kN)								
Opening Size	EN-ISO-12956	MD mm	3.4	25.5	18.3	15.2	62.2	21.6	62.2	65	62.2
		XD mm	2.6	24	16.5	14	25.4	24.1	24.1	26	24.1
Long-term Design Strength											
Sands, Silt & Clay		lbs/ft	871	861	1,919	2,666	3,412	4,346	4,852	5,355	6,292
		(kN/m)	(12.7)	(12.6)	(28.0)	(38.9)	(49.8)	(63.4)	(70.8)	(78.2)	(91.8)

Durability Years = 100 (Testing Standard EN12224, EN-ISO 12225, EN-ISO 12960, EN-ISO 12447, GRI-GG7, GRI-GG8)

Durability Soil Conditions = 4<pH,9, <25°C

8. This declaration of performance is issued under the sole responsibility of the certificate holder identified in point 4.

Signed for and on behalf of the certificate holder by:

Edmund R Gant, Jr.
Director of Manufacturing

Edmund R. Gant, Jr.