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SRW 11 Series

This letter is to certify that **SRW 11 Series** Geogrid meets or exceeds the standards for Geogrids as set by National Concrete Masonry Association (NCMA).

SRW 11 Series Geogrid is composed of high molecular weight, high-tenacity multifilament polyester yarns that are woven into a stable network placed under tension. These yarns meet the requirements for molecular weight and CEG's as established by US Department of Transportation. The high strength polyester yarns are coated with a PVC material. SRW 11 Series Geogrids are inert to biological degradation and are resistant to naturally encountered chemicals, alkalis and acids. SRW 11 Series Geogrids are typically used for soil reinforcement applications such as retaining walls, steep slopes, embankments, sub-grade stabilization, and embankments over soft soils and waste containment applications.

SRW 11 Series Geogrids use 100% virgin resin with NO regrind material. The polyester yarns have a minimum molecular weight of 25,000 g/mol and a CEG of less than 30.

TENSILE PROPERTIES	TEST METHOD	MARV VALUES (LBS/FT)
Ultimate Strength	ASTM D 6637	10,300
Creep Limited Strength	ASTM D 5262	6821
T_{al} = Long Term Design Strength	NCMA 97	5906

RF Creep - 1.51 RF Durability - 1.1 RF Installation Damage 1.05 (Soil Type 3 and type 2)

testing, GRI GG2 junction testing, Coefficient of interaction and geogrid pull out testing in accordance with GRI GG5 and installation damages testing WSDOT Method 925. In addition, NCMA connection testing with several segmental wall systems is also a part of our testing process. Reduction factors listed above are all based on specific testing. All SRW Products geogrids are delivered in UV protected wrap. Labels are attached to the commercial sized grid rolls indicating geogrid style, roll number. The roll number is recorded and all physical test data is filed according to roll numbers.

Regards,

Joel R. Baker,
Product Manager