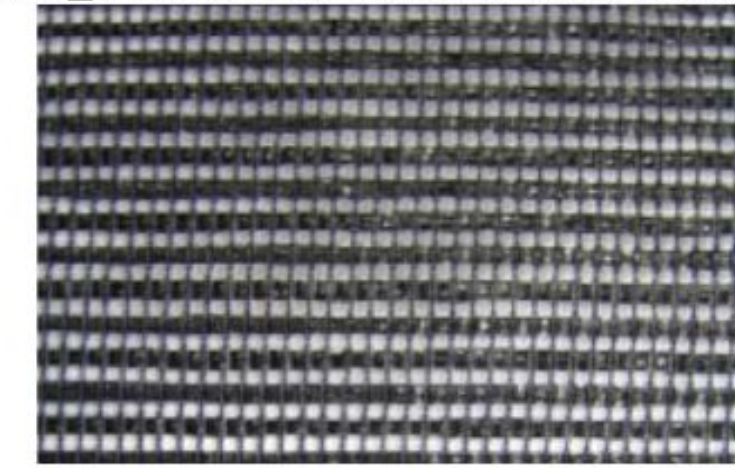


**Short Specification
Miramesh® TR Facing Geogrid Soil Reinforcement**



Geosynthetic reinforcement shall consist of facing geogrid manufactured specifically for facing soil reinforcement applications to retain soil backfill for temporary conditions or to promote vegetation growth using virgin resin and one hundred percent made in America. Facing geogrid shall be woven from high tenacity monofilament polypropylene yarns to produce an open mesh geogrid with aperture size of 0.08 inches in the machine direction and 0.12 inches in the cross machine direction. Facing geogrid shall be TenCate Miramesh® TR facing geogrid and meet the following:

Facing geogrid shall have life expectancy of 25 years exposed to sunlight. UV Resistance at 500 hours shall be 90 percent retained based on ASTM D4355. Facing geogrid shall have black color.

Tult, Ultimate Tensile Strength in accordance with ASTM D6637 based on minimum average roll values (MARV). Tult shall be 2100 lbs/ft minimum in both directions.

Facing geogrid manufacturer shall meet all the following quality control measures:

Manufacturing quality control testing by a laboratory in the production facility accredited by ISO 9001, GAI-LAP and A2LA for facing geogrid. Ultimate Tensile Tests at frequency meeting ASTM D4354. Current certificates shall be submitted with facing geogrid certification data sheet.

Facing geogrid installation shall be in accordance with the construction drawings and geogrid manufacturer's installation guidelines.

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