

Product Evaluation

RE: Review of Tensar Multiaxial Geogrids H-Series

PRODUCT INFORMATION

Product Name: Tensar Multiaxial Geogrids H-Series
Website: https://www.tensarcorp.com/

Manufacturer: Tensar, Alpharetta, GA, USA
Supplier: Tensar, Alpharetta, GA, USA

VENDOR CLAIMS AND INFORMATION

CLAIMS

With Tensar H-series geogrids, engineers and contractors can reap the benefit of the optimized geometry of our advanced InterAx geogrid at a more economical cost. The broader range of aperture shapes and sizes of Tensar H-series geogrids allows for better compatibility between the geogrid and multiple fill materials, improving particle confinement under compaction and repetitive loading.

DESCRIPTION

The Tensar H-series geogrid is manufactured from a polypropylene sheet, which is then punched and oriented. The resulting structure consists of continuous and non-continuous ribs forming three aperture geometries (hexagon, trapezoid, and triangle) and an unimpeded suspended hexagon.

POTENTIAL USAGE

Tensar H-series geogrid is ideal for stabilizing soft subgrades, constructing access roads, and improving pavement performance.

STANDARDS

ASTM D4759 - Specification Conformance of Geosynthetics

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors does not have standard for geogrids.

RECOMMENDATIONS

Tensar Multiaxial Geogrids H-series geogrid be listed as a Reviewed Product under Transportation and Economic Corridors Products List, Geosynthetics – Geogrids – Tri-Axial Geogrid – Proprietary, based on the information provided.

RESTRICTIONS ON USE

Caveat: All geogrid applications must be designed by a Professional Engineer registered with APEGA. The use of extensible reinforcement in MSE bridge abutments or wing walls applications shall confirm to the requirements of Alberta Transportation Standard Specifications for Bridge Construction Section 25, Mechanically Stabilized Earth Walls.

TRIAL PROJECTS

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