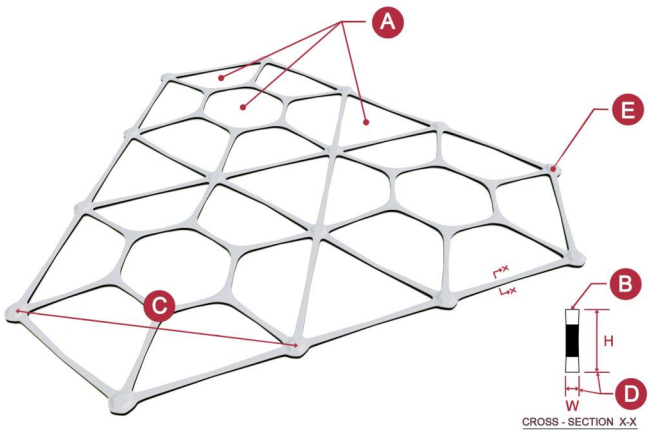
Tensar A Division of CMC | InterAx | CIRTEX GAIN MORE GROUND

PRODUCT IDENTIFICATION DATA SHEET

InterAx® NX850™ Geogrid

Tensar reserves the right to change its Product Identification Data Sheet at any time. It is the responsibility of the person specifying the use of this product and of the purchaser to ensure that Product Identification Data Sheet relied upon for procurement purposes are current and that the product is suitable for its intended use in each instance.



GENERAL

1. The geogrid is manufactured from a coextruded, composite polymer 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.
2. The following properties are intended for product identification:

Identification Properties[1]	General
Aperture Shape - A	Hexagonal, Trapezoidal, & Triangular
Rib Shape - B	Rectangular
Continuous Parallel Rib Pitch[2] - C, (mm)	80
Rib Aspect Ratio[2] - D	> 1.0
Node Thickness - E, (mm)	4.5
Color Identification	White/Black/White
Product EPD Certification[3]	EN 15804 +A2:2019
Durability Properties	
Resistance to acid and alkali liquids[4]	>90%
Resistance to Ultra Violet Light an Weathering[5]	>90%
Resistance to Oxidation [6]	>90%

PERFORMANCE COMPARISON

The product properties shown above are intended for product identification, and Quality Assurance and Quality Control (QA/QC) purposes only. These properties are not included in any performance or design assessments for the resulting Tensar Mechanically Stabilised Layer (MSL) and should therefore not be considered or compared in isolation. The influence of Tensar's geogrids when included as a component of the resulting Tensar MSL have been determined using performance validation data from full-scale trafficking testing so any comparison should be based on similar full scale performance evidence.

NOTES

1. Unless indicated otherwise, the values shown are nominal.
2. Ratio of the mid-rib height to the mid-rib width
3. European standard EN 15804+A2:2019 serves as the core PCR. Independent verification of the declaration and data in accordance with ISO 14025:2011-10).
4. Typical values determined in accordance with EN 14030.
5. Typical value determined in accordance with EN12224.
6. Typical value determined in accordance with EN 13438.

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