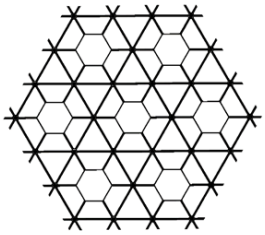
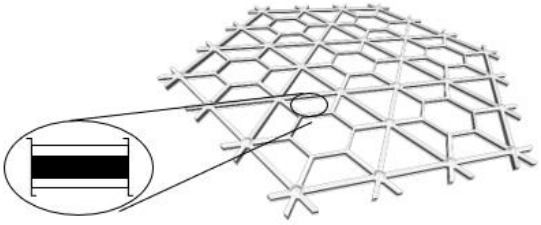
Product Data Sheet
Tensar® InterAx™ NX850™ Geogrid

General

The Tensar InterAx 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



Tensar NX850 Geogrid Plan View



Tensar NX850 Geogrid Perspective View

The Tensar InterAx geogrid uses the distinct stabilisation function as defined in ISO 10318 to minimise the movements of unbound granular material in road, rail and other trafficked areas. Extensive performance testing has demonstrated that when included as a component of a mechanically stabilised layer, the mechanical behaviour of the unbound layer is improved. The characteristics below allow product identification only.

Identification Properties (1)	General
▪ Aperture shapes	Hexagonal, Trapezoidal, & Triangular
▪ Structure	Coextruded & Integrally Formed
▪ Rib shape	Rectangular
▪ Continuous parallel rib pitch, mm	80
▪ Rib aspect ratio (2)	> 1.0
▪ Node thickness, mm	4.5
▪ Colour identification	White / Black / White

Dimensions and delivery

The geogrid shall be delivered in roll form with each roll individually identified as Tensar NX850 geogrid. Roll dimensions are typically 50m long by 3.8m wide.

Notes

1. Unless noted otherwise, the values shown are nominal
2. Ratio of the mid-rib depth to the mid-rib width

bsi. ISO 9001:2015 Quality Management
Cert – QM505288
Applicable to Tensar International and Tensar Manufacturing Ltd

bsi. ISO 14001:2015 Environmental Management
Cert – EMS86463
Applicable to Tensar Manufacturing Ltd

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