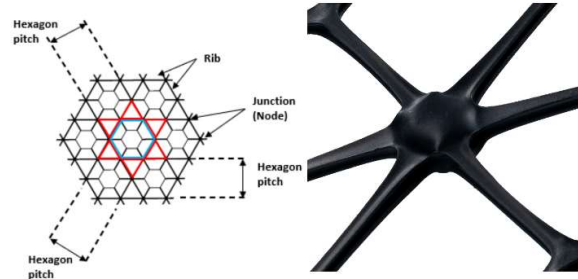


## Product Data Sheet

### Tensor® HX165 Geogrid

#### General

The Tensor InterAx geogrid is manufactured from an extruded, polymer sheet, which is then punched and stretched. The resulting structure consists of continuous and non-continuous ribs forming three aperture geometries (hexagon, trapezoid, and triangle) and an unimpeded suspended hexagon.



The Tensor 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 <sup>(1)</sup>	General
<ul style="list-style-type: none"> <li>▪ Aperture shapes</li> <li>▪ Structure</li> <li>▪ Rib shape</li> <li>▪ Continuous parallel rib pitch, mm</li> <li>▪ Rib aspect ratio<sup>(2)</sup></li> <li>▪ Node thickness, mm</li> <li>▪ Colour identification</li> <li>▪ Radial secant stiffness at 2.0% strain<sup>(3)</sup></li> </ul>	Hexagonal, Trapezoidal, & Triangular Integrally Formed Rectangular 80 > 1.0 3.25 Black 165kN/m with a tolerance of -65kN/m

#### Dimensions and delivery

The geogrid shall be delivered in roll form with each roll individually identified as Tensor HX165 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
3. EOTA Technical Report TR041

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