

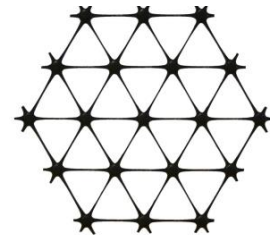
Product Specification - TriAx® TX8 Geogrid

Tensar International Corporation reserves the right to change its product specifications at any time. It is the responsibility of the person specifying the use of this product and of the purchaser to ensure that product specifications relied upon for design or 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 punched polypropylene sheet, which is then oriented in three substantially equilateral directions so that the resulting ribs shall have a high degree of molecular orientation, which continues at least in part through the mass of the integral node.
2. The properties contributing to the performance of a mechanically stabilized layer include the following:

Tensar TriAx® Geogrid



Index Properties	Longitudinal	Diagonal	Transverse	General
▪ Rib pitch ⁽¹⁾ , mm (in)	33 (1.30)	33 (1.30)	-	
▪ Mid-rib depth ⁽¹⁾ , mm (in)	-	1.6 (0.06)	1.2 (0.05)	
▪ Mid-rib width ⁽¹⁾ , mm (in)	-	0.4 (0.02)	0.7 (0.03)	
▪ Rib shape				Rectangular
▪ Aperture shape				Triangular

Structural Integrity

- | | |
|---|-----------------|
| ▪ Radial stiffness at low strain ⁽²⁾ , kN/m @ 0.5% strain
(lb/ft @ 0.5% strain) | 225
(15,400) |
|---|-----------------|

Dimensions and Delivery

The TX geogrid shall be delivered to the jobsite in roll form with each roll individually identified and nominally measuring 4.0 meters (13.1 feet) in width and 100 meters (328 feet) in length.

Notes

1. Nominal dimensions.
2. Radial stiffness is determined from tensile stiffness measured in any in-plane axis from testing in accordance with ASTM D6637.

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