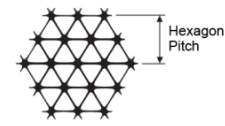
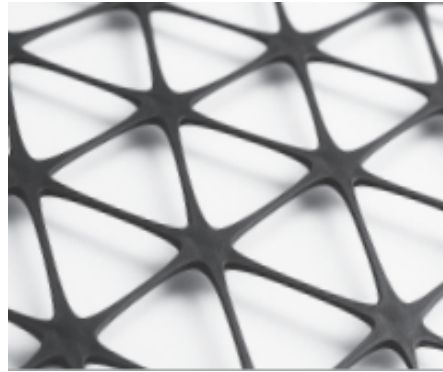


CONFORMITY OF PRODUCT

TME GeoTech Triaxial Geogrid



Purpose of Usage

Reduce cracking and potholes in asphalt surface, Increase resilience to weather, Reduce aggregates required for construction, Delivers significant reductions in maintenance cycles on railway tracks, Reduces damage from rain and penetration of water

Application Locations

All kinds of roads railways, airports to enhance the roadbed. Large car park and terminal freight yards to strengthen the foundations of a permanent road. Rail, road slope's protection. To enhance the culvert. Secondary enhancement after the uniaxial geogrid soil enhancement, further enhancement to the soil, prevent soil erosion. Mining, tunnel reinforcement.

Specification	Test Method	Unit	TME HX150		TME HX160		TME HX170		TME HX190	
			Declared Value	Tolerance	Declared Value	Tolerance	Declared Value	Tolerance	Declared Value	Tolerance
Radial Secant Stiffness at 0.5% Strain	EN ISO 10319	kN/m	360	-75	390	-75	480	-90	540	-90
Junction Efficiency	GRI GG2	%	100	-10	100	-10	100	-10	100	-10
Hexagon Pitch		mm	80	± 4	80	± 4	80	± 4	120	± 6
Radial Secant Stiffness at 2% Strain	EN ISO 10319	kN/m	250	-65	290	-65	360	-65	400	-100
Weight of the product		kg/m ²	0,2	-0,03	0,22	-0,03	0,27	-0,03	0,3	-0,03
Rib Shape			Rectangular		Rectangular		Rectangular		Rectangular	
Aperture Shape			Triangular		Triangular		Triangular		Triangular	

Product Features

Increase the bearing capacity of the roadbed and foundation and prolong their service life. Prevent road surface and foundation from sinking or flaking, keep clean and beautiful ground surface. Convenient construction saves time and labor. Reduce mounting time and decrease maintenance expenses. The geogrid is a hexagonal structure with triangular apertures manufactured from a punched and stretched polypropylene sheet which is then oriented in three directions so that the resulting ribs of rectangular cross-section have a high degree of molecular orientation which continues through the mass of the integral node. The geogrid has a minimum of 2% finely divided carbon black content