

# CONFORMITY OF PRODUCT

## TME GeoTech Fiberglass Geogrid



### Purpose of Usage

*TME GeoTech Fiberglass Geogrid is used to reinforce asphalt layers and reduce cracking in pavement structures. It helps distribute stresses within the asphalt and extends the service life of roads.*

### Application Locations

*It is commonly used in highway and road construction, airport runways, parking areas, and pavement rehabilitation projects to prevent reflective cracking and improve pavement performance.*

1. It reinforce old asphalt concrete road surface and asphalt layer, and prevents damage.
2. It is used for rebuilding cement concrete road surface into composite road surface and restraining reflection caused by block contraction.
3. It is used in road expansion and improvement project and crack caused by old and new combination position and uneven sedimentation.
4. It is used in soft soil base reinforcement treatment , is favorable for soft soil water separation and concrection, restrains sedimentation effectivly, distributes stress uniformly and improve overall strength of road base.
5. It is sued for preventing contraction crack caused by new road semi-rigid base layer, and reinforces and prevents road surface crack caused by foundation crack reflection.

Performance/Specification		GG25-25	GG30-30	GG40-40	GG50-50	GG80-80	GG100-100	GG120-120
Intensity (KN/m)	Longitudinal	≥25	≥30	≥40	≥50	≥80	≥100	≥120
	Horizontal	≥25	≥30	≥40	≥50	≥80	≥100	≥120
Break elongation ratio (%)	Longitudinal	≤3	≤3	≤3	≤3	≤3	≤3	≤3
	Horizontal	≤3	≤3	≤3	≤3	≤3	≤3	≤3
Mesh size (mm×mm)		12~50	12~50	12~50	12~50	12~50	12~50	12~50
Breadth (m)		1~6	1~6	1~6	1~6	1~6	1~6	1~6

### Product Features

*TME GeoTech Fiberglass Geogrid is manufactured from high-strength fiberglass yarns with a protective coating. It provides high tensile strength, excellent dimensional stability, low elongation, and strong resistance to temperature changes and chemical effects.*