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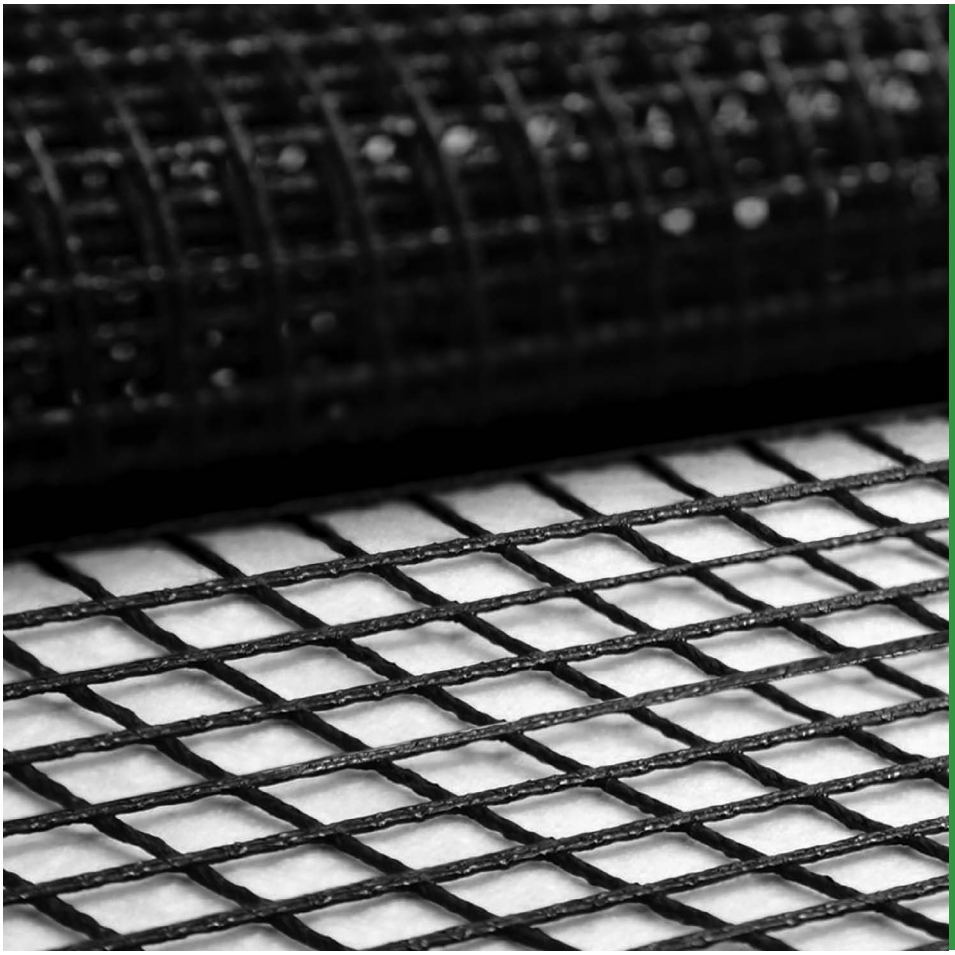
"Ready to improve your construction"

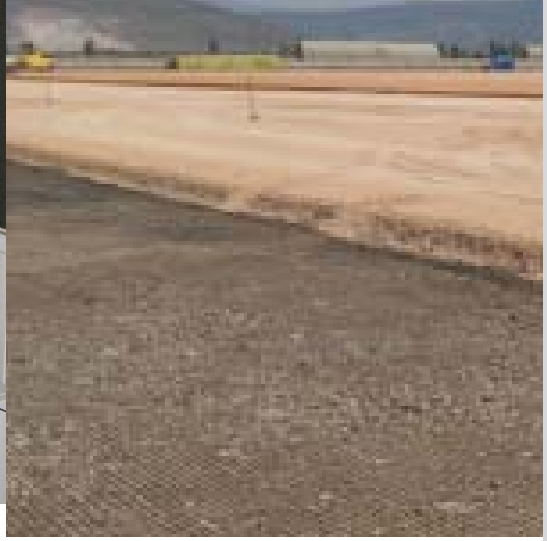


ForTex

GG Bi-Axial Geogrid

ForTex GG bi-axial geogrids are high-strength materials developed for bidirectional geogrid requirements for various applications of civil engineering. The material is manufactured by weaving polyester yarns in the rectangular form and coating the same with PVC. High performance rating is assured by virtue of the seaming method specifically designed for more robust nodules.

ForTex GG bi-axial geogrids are latticed type geogrids with equal tensile stress in the manufacturing direction and directions perpendicular to the manufacturing direction.



ForTex

GG Bi-Axial Geogrid

FIELDS OF APPLICATION

ForTex GG bi-axial geogrids are high strength geogrids specifically developed for use. In general, these geogrids are used for;

- Providing higher bearing capacity for the runway, apron and taxiway foundations at the airports
- Preventing local settlements in applications at highways to be performed on poor bearing soil by reducing the thickness of foundation and subbase
- As reinforcement for highway expansion projects
- Soil improvement works intended for reducing the quantities of ballast and sub-ballast and preventing potential settlements at railway applications to be performed on poor bearing soil
- Improving the load bearing capacity and preventing local settlements for the foundations against the heavy loads at the foundations of container storage yards and industrial structures.

ADVANTAGES

ForTex GG bi-axial geogrids;

- Enables application of the backfill layer to be laid on poor bearing soil with less thickness.
- Forms a platform with the fill on poor bearing soils and reinforced differential settlements.
- When applied in multi layers, improves the load bearing capacity of the soil
- **ForTex GG** bi-axial geogrids are durable, resistant to seismic an dynamic loads, realiable and cost-effective

RANGE OF PRODUCTS

Tailos-made selection with the option for the intended use, **ForTex GG** bi-axial Geogrids are generally manufactured at tensile strength which are;

-ForTex GG 20/20 P (20 kN/m / 20 kN/m),
-ForTex GG 30/30 P (30 kN/m / 30 kN/m),
-ForTex GG 40/40 P (40 kN/m / 40 kN/m),
-ForTex GG 60/60 P (60 kN/m / 60 kN/m),
-ForTex GG 80/80 P (80 kN/m / 80 kN/m),
-ForTex GG 100/100 P (100 kN/m / 100 kN/m),
-ForTex GG 150/150 P (150 kN/m / 150 kN/m),

PACKAGING AND STORAGE

ForTex GG is manufactured in rolls with maximum 6 m width and generally 100 m length. Each roll is shipped in packaging in protection against UV effects.
If the rolls are to be stacked up on top of each other, it is recommended to stack up to maximum 6 rows and for rolls shorter than 2 m it is recommended to load and store upright.

TECHNICAL SPECIFICATIONS

Product	Standart (TS EN ISO 10319)			
	Tensile Strength (kN/m)		Elongation at Nominal Strength (%)	
	MD	CMD	MD	CMD
ForTex GG 20/20 P	20	20	12(±2)	12(±2)
ForTex GG 30/30 P	30	30	12(±2)	12(±2)
ForTex GG 40/40 P	40	40	12(±2)	12(±2)
ForTex GG 60/60 P	60	60	12(±2)	12(±2)
ForTex GG 80/80 P	80	80	12(±2)	12(±2)
ForTex GG 100/100 P	100	100	12(±2)	12(±2)
ForTex GG 150/150 P	150	150	12(±2)	12(±2)

Roll Packing