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EGS GEOSOLUTIONS –
Fiberglass Geogrid

Introduction

Fiberglass geogrid is a new type of excellent geotechnical base material to enhance pavement and roadbed. The product is made of alkali-free glass fiber filaments as the main raw material, woven by a unique warp knitting process, and coated with a special rubber material. Mesh structure material. It can effectively improve the stress distribution of the road structure, resist and delay the occurrence of reflection cracks caused by cracks in the base layer, increase the service life of the road, reduce the cost, and improve the construction quality.

Applications

- Asphalt Overlay
- Embankments stabilization
- Retaining Wall
- Slope Protection
- Base Reinforcement
- Pavement Reinforcement

Standard type

	Coating Type	Length (m)	Width (m)	Aperture Size（mm）	Ultimate Strength kN/m		Elongation at maximum load, %		Creep Limited Strength kN/m
					ASTM D6637				ASTM D 5262
					MD	XD	MD	XD	MD
FGG20-20	Bitumen	5.2	100	12.7*12.7 25.4*25.4 40*40	20	20	≤3	≤3	/
FGG30-30	Bitumen	5.2	100		30	30			
FGG40-40	Bitumen	5.2	100		40	40			
FGG50-50	Bitumen	5.2	100		50	50			
FGG60-60	Bitumen	5.2	100		60	60			
FGG80-80	Bitumen	5.2	100		80	80			
FGG100-100	Bitumen	5.2	100		100	100			
FGG120-120	Bitumen	5.2	100		120	120			
FGG160-160	Bitumen	5.2	100		160	160			
FGG200-200	Bitumen	5.2	100		200	200			
FGG300-300	Bitumen	5.2	100		300	300			

Packing & Loading Capacity

Loading Capacity For One 20GP Container:
Loading Capacity For One 40GP Container: Contact for detailed Loading quantity

Mark:

Width:1-6m
Length:50-200m

*Above values are on an average basis, the data was obtained from in-house test laboratory, National test institutes and international test institutes. EGS Laboratory is improving continuously with the purpose of assuring reliable quality. EGS Geosolutions reserves the right to change the product specifications at any time. Liability Exclusion: This publication should not be construed as engineering advice.

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EGS GEOSOLUTIONS –
Self Adhesive Fiberglass Geogrid

Introduction

On the basis of ordinary glass fiber grid, the surface of self-adhesive glass fiber geogrid has been specially treated (self-adhesive pressure sensitive adhesive and modified asphalt coated with modified asphalt. In contrast, self-adhesive glass fiber grid There is no need to fix with nails, which reduces construction difficulties and speeds up the construction progress.

Applications

- Asphalt Overlay
- Embankments stabilization
- Retaining Wall
- Slope Protection
- Base Reinforcement
- Pavement Reinforcement

Standard type

	Coating Type	Length (m)	Width (m)	Aperture Size（mm）	Ultimate Strength kN/m		Elongation at maximum load, %		Creep Limited Strength kN/m
					ASTM D6637				ASTM D 5262
					MD	XD	MD	XD	MD
FGG20-20	Bitumen	5.2	100	12.7*12.7 25.4*25.4 40*40	20	20	≤3	≤3	/
FGG30-30	Bitumen	5.2	100		30	30			
FGG40-40	Bitumen	5.2	100		40	40			
FGG50-50	Bitumen	5.2	100		50	50			
FGG60-60	Bitumen	5.2	100		60	60			
FGG80-80	Bitumen	5.2	100		80	80			
FGG100-100	Bitumen	5.2	100		100	100			
FGG120-120	Bitumen	5.2	100		120	120			
FGG160-160	Bitumen	5.2	100		160	160			
FGG200-200	Bitumen	5.2	100		200	200			
FGG300-300	Bitumen	5.2	100		300	300			

Packing & Loading Capacity

Loading Capacity For One 20GP Container:
Loading Capacity For One 40GP Container: Contact for detailed Loading quantity

Mark:

Width:1-6m
Length:50-200m

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