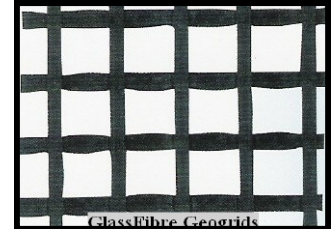


GG range of GlassFibre Geogrids. Product Data

GG range of GlassFibre geogrids are produced from high tensile fibre glass filaments coated with an inorganic polymer materials. GG geogrids have extremely high tensile strength with elongation at failure lower than 4%. GG geogrids enjoy no long term creep, and the melting point is 1000 °C thus unaffected by the high temperatures of the asphalt. GG geogrids enjoy excellent resistance to construction damage and chemical attack. GG geogrids are supplied with strengths ranging from 20kN/m to 200kN/m. GG geogrids can be supplied with a geotextile backing. The geogrids are manufactured in accordance to the latest ISO 9001:2000 procedures.

Applications

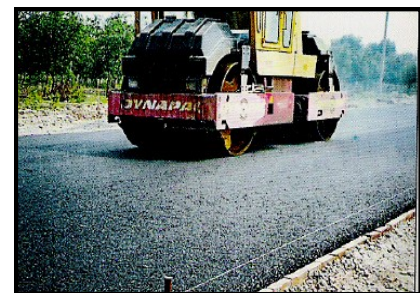
- Prevention of reflective cracking in asphalt pavements.
- Prevention of joint cracking between old and new pavements.
- Prevention of fracture due to temperature expansion and contraction.
- Protection against long term fatigue of pavements
- Guarantees extended design life of pavements



Technical Specifications

Product		GG25-25	GG30-30	GG50-50	GG60-60	GG80-80	GG100-100	GG200-100	GG200-200
Material		GlassFibre	GlassFibre	GlassFibre	GlassFibre	GlassFibre	GlassFibre	GlassFibre	GlassFibre
Ultimate tensile strength, kN/m EN ISO 10319	Longitudinal	25.	30	50	60	80	100	100	200
	Transverse	25.	30	50	60	80	100	200	200
Strain at ultimate strength, % EN ISO 10319	Longitudinal	<4	<4	<4	<4	<4	<4	<4	<4
	Transverse	<4	<4	<4	<4	<4	<4	<4	<4
Melting Point, ° C		1000	1000	1000	1000	1000	1000	1000	1000
Approximate mesh size, mm		25x25 and 12.5x12.5	25x25 and 12.5x12.5	25x25 and 12.5x12.5	25x25 and 12.5x12.5	25x25 and 12.5x12.5	25x25 and 12.5x12.5	25x25 and 12.5x12.5	25x25 and 12.5x12.5
Roll width, m		1.5-5.0	1.5-5.0	1.5-5.0	1.5-5.0	1.5-5.0	1.5-5.0	1.5-5.0	1.5-5.0
Roll length, m		50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200
<i>Self Adhesion, GGA range</i>		GlassFibre Geogrids GG can be supplied with self Adhesion, using polymeric Glue, They are coded as GGA							
<i>Geotextile, Polyester non-woven, white</i>		GG geogrids can be supplied with geotextile backing bonded to the geogrid, these products are coded as GGM							
Mass / unit Area, gm/sqm, EN ISO 9864		150							
Tensile Strength, kN/m, EN ISO 10319		4.5							
Max elongation, %		40-70							
CBR, kN/m		0.6							

All values are mean with tolerance of +/- 4%
Variable mesh sizes are also available



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