

Glass Geocomposite Coated

Technical Data

ASPH GC Comp™ is high tensile glassfiber is adopted and wove by war knitting technique into grid needle punch PET thermally non woven geotextiles and after covered with a modified bitumen coating .GC-C Comp can be used for the reinforcement of asphalt pavements



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Product properties

Physical properties	Unit	GC-30/30C	GC-50/50C	GC-75/75C	GC-100/100C		
Material		E-Glass+Ultralight nonwoven Coated bituminous				ASTMD 276	
Young's Modulus E	MPa	73,000 MPa & 10.6 x 10 6 psi					
Nonwoven		50 grams NWG thermally bonded					
Mesh Size of the Grid	mm (in)	25×25 or 40 x 40 (1.0×1.0) or (1.5 x 1.5)					
Softening Point	°C	190°C					
Melting Point	°C	255°C					
Mechanical properties							
Tensile Strength	- MD	KN/m (lb/ft)	30(2058)	50(3430)	75(5140)	100(6850)	AS 3706.2
	- CD	KN/m (lb/ft)	30(2058)	50(3430)	75(5140)	100(6850)	
Elongation	- MD&CD	%	3	3	3	3	
Forms of supply							
Unit weight	g/m²	250	380	450	690		
Width	m	5	5	5	5		
Roll length	m	50	50	50	50		
20'container Capacity-approx.		25,000	22,500	20,000	20,000		
40HQ container-approx.		55,000	50,000	47,000	38,000		

1.MD:Machine direction, CD: Cross- Machine direction.

2.The table width is max width,We can according customer's requests and capacity load maybe change.

3.Test method: ASTM D 6637.

4.The technical data are according to our laboratories and testing institution.

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