



### 1. Definition

MagnaMat is a innovative combination of E-fiberglass geogrid warpknitted into Anti fraction fabric . Except the excellent high tensile strength, low creep resistance & anti-cracking properties, after impregnated with bitumen, it is also water-resistance and could withstand excessive temperature. Thus make it ideal for new construction of parking areas, low and high volume roads, airport runways as well as road repairs and widening projects.

### 2. Specification

Property	Test Method	Unit	Magna50	Magna80
Material	-	-	E-Fiberglass geogrid + Anti fraction fabric	
Mass per unit area	ASTM D5261	g/m <sup>2</sup>	320	520
Tensile strength (MD)	ASTM D6637	kN/m	50	80
Tensile strength (TD)	ASTM D6637	kN/m	50	80
Elongation (±1)	ASTM D6637	%	3	3
Melting point	ASTM D276	°C	230	230
Grid aperture size	-	mm	25x25	25x25
Roll width	-	m	4	4
Roll length	-	m	100	100
Roll area	-	m <sup>2</sup>	400	400

The information contained herein is , to the best of our knowledge , accurate in all material respects.