



0799-CPR-134

## TECHNICAL DATA SHEET

### DUALTEX PET

Flexible, high-strength, temperature-resistant grid for effective reinforcement of asphalt layers.

DUALTEX PET	50/50	80/80	100/100
<b>Mechanical properties</b> (typical values)			
<b>Tensile strenght, kN/m</b> (EN ISO 10319)			
- MD	55 (-5)	88(-8)	110 (-10)
- CMD	55 (-5)	88 (-8)	110 (-10)
<b>Strain at maximum strenght, %</b> (EN ISO 10319)			
- MD	10 (+2)	10 (+2)	10 (+2)
- CMD	10 (+2)	10 (+2)	10 (+2)
<b>Force at strain 2%</b> (EN ISO 10319)			
- MD	5 (-0)	8 (-0)	10 (-0)
- CMD	5 (-0)	8 (-0)	10 (-0)
<b>Force at strain 3%</b> (EN ISO 10319)			
- MD	10 (-0)	14 (-0)	20 (-0)
- CMD	10 (-0)	14 (-0)	20 (-0)
<b>Force at strain 5%</b> (EN ISO 10319)			
- MD	20 (-0)	30 (-0)	40 (-0)
- CMD	20 (-0)	30 (-0)	40 (-0)
<b>Physical properties</b>			
<b>Mesh size, mm</b>	20x20÷100x100		
<b>Geogrid core</b>	PET		
<b>Polimeric coating</b>	bitumen		
<b>Nonwoven</b>	PP		
<b>Roll width (standart), m</b>	5,2		
<b>Roll length (standart), m</b>	50 и 100		
<b>Loading capacity (roll length - 100 m), m2</b>	47840	37440	24960

DUALTEX the asphalt reinforcement products allow a significant extension of renovation intervals. Thus the usefu life of the traffic areas is extended. Because of the associated reduction in maintenance costs, DUALTEX offers a very economical solution for the repair of road surfaces.



1. Bituminous coating ensures excellent adhesion to base layers
2. Nonwoven backing facilitates installation by saving time and protecting against displacement
3. Roll lengths up to 50-100 m and varying roll widths up to 5,2 m reduce the number of overlaps and allow higher installation rates
4. High flexibility and adaptability simplify laying

#### Resistant to installation damage

1. When driven over by asphalt trucks or tracked pavers
2. During compaction of asphalt
3. When laying on milled surfaces
4. In alkaline environments (when installed on concrete surfaces)

#### Strong bond

1. Bond between reinforcement and asphalt PLUS bond between asphalt layers
2. Excellent interlock between asphalt layers thanks to ultra-lightweight nonwoven backing (melting point > 150° C)

For the optimisation and improvement process of the technical characteristics of the products, the manufacturer reserves the right to modify the standart characteristics of the product without any notice.

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