



**PETROMAT<sup>®</sup>** paving fabrics are used as a moisture barrier and stress absorbing interlayer beneath any flexible pavement such as asphalt overlays or a chip seal. PETROMAT<sup>®</sup> is unchallenged in the industry for asphalt pavement interlayer applications, is compliant with AASHTO/NTPEP standards, and is available in a variety of styles to fit your specific project needs and specifications.

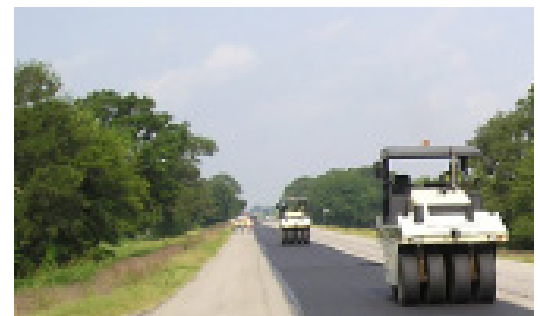
### Applications

PETROMAT is effective within new asphalt concrete pavements, below asphalt pavement overlays, over rigid and flexible pavements, and below chip-seal surface treatments. It can improve the performance of highways, city streets, parking areas, airport pavements, bridge decks and other pavement surfaces.

### Resources

Visit [www.PropexGlobal.com](http://www.PropexGlobal.com) to find additional resources including:

- Product Data Sheets
- Specification Guides
- Installation Guidelines
- Case Studies
- Engineering Bulletins



Chip Seal

### Savings & Advantages

If a pavement base is saturated as little as 10% of the time, the useful life of the pavement can be reduced by 50% (Cedergren). PETROMAT provides a moisture barrier to minimize surface water infiltration and maximize the structural strength of unbound road-base materials.

## Features & Benefits

### Moisture Barrier

- Provides a moisture barrier to minimize the infiltration of surface water
- Pavements are up to 1,000 times less permeable when the PETROMAT System is used as an interlayer

### Stress Absorbing Interlayer

- Acts as a stress-absorbing interlayer to retard the development of reflective cracking
- Field performance indicates a 50 to 150% increase in service life before fatigue or reflective cracking occurs in overlays using PETROMAT versus the same overlay thickness with no fabric

### Cost Effective

- Performance equates to an additional 1.2 to 1.8 inches (3 to 4.4 cm) thickness of asphalt concrete overlay
- Installed cost of PETROMAT is less than half the cost of 1/2 inch of asphalt concrete
- Full lane width rolls cover one lane with one pass

### Designed for Performance

- Features a heat set side to minimize asphalt cement tack coat bleed-through and protect against damage from construction traffic
- Designed with a special blend of fiber sizes to promote rapid, uniform tack coat saturation and to reinforce the asphalt cement interlayer
- Engineered amount of stretch to enable smooth installation and allow placement directly onto a milled surface

## PETROMAT Specifications

Style Number	AASHTO M288 Type	Color	Mass/Unit Area	Grab Tensile Strength	Grab Elongation	Asphalt Retention	Melting Point	Roll Sizes	
			ASTM D5261 oz/sy (gm/sm)	ASTM D4632 lbs (N)	ASTM D4632 (%)	ASTM D6140 gal/sy (l/sm)	ASTM D276 °F (°C)	Typical ft x ft	Typical m x m
4597	Type II	Dark Gray	4.6 (156)	120 (534)	50	0.25 (1.31)	320 (160)	10.0 x 360 12.5 x 360	3.05 x 109.7 3.81 x 109.7
4598	Type II	Dark Gray	4.1 (139)	101 (449)	50	0.2 (0.91)	320 (160)	10.5 x 360 12.5 x 360	3.20 x 109.7 3.81 x 109.7
4599	--	Dark Gray	3.6 (122)	90 (400)	50	0.2 (0.91)	320 (160)	12.5 x 360 15.0 x 300	3.81 x 109.7 4.6 x 91.5



**FOR QUESTIONS ABOUT PETROMAT® OR OTHER PRODUCTS CALL  
CUSTOMER SERVICE AT 1.800.621.1273 OR VISIT PROPEXGLOBAL.COM**

