PAVETEX

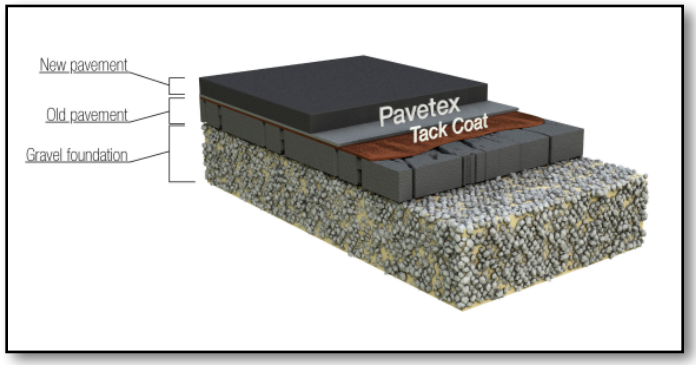
PRODUCT CUT SHEET

WATERPROOFING SOLUTIONS AND PROTECTION FROM REFLECTIVE CRACKING

ADVANTAGES

- Products that **meet or exceed AASHTO requirements** for paving fabrics
- **Provide a waterproof barrier** for base and subgrade reinforcement and protection
- **Create a stress-relieving membrane** between old and new pavement layers
- **Delay the propagation of existing cracks** to the new overlay
- **Extend the useful life** of the overlay

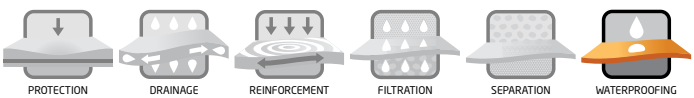
The Pavetex series of geotextiles have been optimized for use as paving fabrics. Paving fabrics are nonwoven, needlepunched polypropylene fabrics that improve pavement performance and extend the pavement lifecycle. Paving fabrics act as a waterproofing and stress relieving membrane within the pavement structure. You can trust Texel's Pavetex series to meet AASHTO M-288 specification requirements and more.



A SOLUTION THAT IMPROVES THE QUALITY AND THE DURABILITY OF YOUR PROJECTS

- Reduces water infiltration
- Distributes and relieves stress within the pavement structure
- Delays the propagation of cracks from the existing layer into the new overlay
- Extends the useful life of the overlay
- Reduces the costs of road maintenance

FUNCTIONS



SECTORS

- ☑ **Municipal and Landscape Architecture**
- ☑ **Roads and Transportation**
- ○ Natural Resources and Energy
- ○ Industrial and Waste Management

NAME IT.
WE'LL DO IT.

STEPS IN GEOTEXTILE INSTALLATION:

- Clean the surface of any dust and debris
- Do proper surface preparation by sealing larger cracks
- Apply the right quantity of the tack coat
- Position the geotextile while being careful to avoid leaving folds in the fabric (use of mechanical equipment is recommended)
- Apply the pavement overlay

A SOLUTION TO WATER INFILTRATION

Cracks in the surface of a road allow water to penetrate. This reduces the load-bearing capacity of the road structure and contributes to several types of pavement deterioration. According to the AASHTO, saturation of the road structure beneath the pavement is the leading cause of road deterioration. The FHWA mentions that 40% of precipitation passes through the pavement and finds its way into the road structure. Studies have also shown that a road structure that is saturated only 10% of the time will result in a life cycle reduced by up to 50% in comparison to a road where the structure is dry. Texel's Pavetex series is used to create a waterproof barrier to prevent water infiltration. This allows the structure to remain dry and stable, which in turn helps increase the lifespan of the pavement and delays the appearance of cracks.

The Pavetex series meets AASHTO requirements and allows for optimal adaptation to climatic conditions and other challenges in your projects. For example, for projects in regions that are subject to frequent cycles of freezing and thawing, a heavier paving fabric would be ideal.

Paving fabrics can be used as a preventive measure in new constructions or in rehabilitation after damage has occurred. When the paving fabric is installed with sufficient asphalt-cement tack coat on a properly prepared surface, they form an impermeable interlayer system that is fully recyclable and adds long-term lifecycle and cost benefits to your pavement.

SPECIFICATIONS	
Description	Pavetex L (light) / M (medium) / H (heavy) / SH (super heavy)
Product type	Needlepunched nonwoven geotextile
Format	Roll

PAVETEX, properties which make a difference

Properties measured		Test method	Unit	Interpretation
Physical	Surface Weight	ASTM D5261	g/m² (oz/yd²)	Mesures the material's density in order to evaluate its asphalt retention capacity.
	Melting Point	ASTM D276	°C (°F)	Indicates the temperature at which the fibers will start to melt.
Mechanical	Tensile Strength	ASTM D4632	N (lbs)	Indicates the geotextile's capacity to absorb tension before reaching its breaking point.
Hydraulic	Asphalt Retention	ASTM D6140	l/m² (gal/yd²)	Indicates the asphalt required to saturate paving fabric.

This table presents a summary of specifications. We invite you to consult updated information sheets and detailed technical specifications on our website at www.texel.ca.

NEED TO KNOW MORE?

Call our representatives to discover the advantages of the **PAVETEX SERIES** for your projects!

1-800-463-8929

SPEC SHEET

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