

## GlasPave50 Provides Better Performance

### Improves Pavement Life and Lowers Overall Costs

#### Longer Lasting Pavements and Less Maintenance

##### Retards Reflective Cracking

The fiberglass matrix in GlasPave50 pavement mat provides significantly greater tensile strength at low strain compared to conventional paving fabrics and

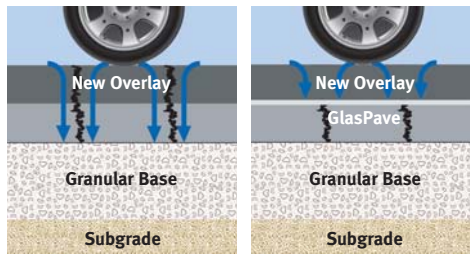


*Reflective cracking in pavements leads to costly repairs.*

other paving mats. The higher strength is designed to extend pavement life by delaying reflective cracking which is a common contributor to costly repairs and the eventual failure of asphalt overlay applications.

##### Effective Moisture Barrier

The non-woven matrix structure of GlasPave50 allows for the asphalt binder to penetrate and fill voids within the fabric to limit moisture infiltration into the pavement structure. Preventing water ingress into the lower layers of a pavement structure is key



*Surface water runoff can compromise the granular base by seeping through the cracks.*

*GlasPave prevents water from penetrating the granular base.*

to long-term performance. Even in the harshest environments, GlasPave50 will provide significant improvement to the service life of the overlay.

#### Easy-to-Install

##### Sized Right to Optimize Installation Time

With roll lengths of 78.75 inches by 120 yards, GlasPave50 installs with fewer roll changes when compared with bulkier, shorter products.

##### Thermal Stability Means No Shrinkage

Due to the ability of the fiberglass matrix to resist asphalt's high application temperatures, GlasPave50 will not shrink or change dimensions when hot mix asphalt comes into contact with it as opposed to polypropylene fabrics. This feature eliminates the risk of premature slippage or loss of bond.



*GlasPave50 is easy to install and does not shrink like conventional paving fabrics.*

#### Trouble-Free Recycling on Future Rehabilitation Projects

The fiberglass allows for easy, trouble-free milling for asphalt rehabilitation. Milled fibers are easily disbursed in asphalt millings and will therefore not negatively impact the recycling of asphalt for future projects.

## GLASPAVE Physical Properties of the Hybrid Paving Mat

PROPERTY	TEST METHOD	METRIC*	IMPERIAL**
Mass Per Unit Area	ASTM D 5261	237 g/m <sup>2</sup>	7.0 oz/sq yd <sup>2</sup>
Tensile Strength	ASTM D 5035	50 kN/m	280 lb/in.
Asphalt Retention	ASTM D 6140	.45 l/m <sup>2</sup>	.10 gal/yd <sup>2</sup>
Elongation at Break	ASTM D 5035	< 5%	< 5%
Melting Point	ASTM D 276	> 232 °C	> 450 °F

### Performance You Can Count On

GlasPave50 is manufactured by Saint-Gobain Technical Fabrics, the world leader in engineered grids and fabrics for the paving marketplace. A hybrid geosynthetic paving material, GlasPave is a unique combination of fiberglass mesh embedded into high performance polyester mats. The result is an engineered paving mat that delivers the highest tensile strength in the market when compared to any other paving mat or fabric. The distinctive design allows for a quick and strong bond with a variety of tack coats.

### Experience You Can Rely On

Tensar International Corporation, the leader in geosynthetic soil reinforcement, offers a variety of solutions for foundation and roadway projects. Our products and technologies, backed by the most thorough quality assurance practices, are at the forefront of the

industry. Our support services include site evaluation, design consulting and site construction assistance.

For innovative solutions to your engineering challenges, rely on the experience, resources and expertise that have set the industry standard for more than two decades.

For more information on the GlasPave Product or other Tensar Systems, call **800-TENSAR-1**, visit [www.tensar-international.com](http://www.tensar-international.com) or e-mail [info@tensarcorp.com](mailto:info@tensarcorp.com).



*GlasPave50 is available in roll length of 78.75 inches to 120 yards making installation fast and easy.*

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