



GlasPave® Paving Mats Provide Better Performance

Improve Pavement Life and Lower Overall Costs

LONGER LASTING PAVEMENTS AND LESS MAINTENANCE

► Delay Reflective Cracking

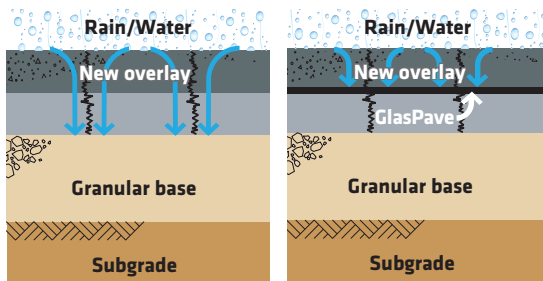
The high performance hybrid fiberglass structure of the GlasPave® Paving Mats provides significantly greater tensile strength at low strain compared to conventional paving fabrics and other paving mats. The higher strength at low strain helps extend pavement life by delaying reflective cracking, which is a common contributor to costly repairs and the eventual failure of asphalt overlay applications.



The higher strength at low strain of GlasPave Paving Mats extends pavement life by delaying reflective cracking.

► Effective Moisture Barrier

The matrix structure of GlasPave Paving Mats allows the asphalt binder to fully penetrate and fill voids within the mat, limiting moisture infiltration into the pavement structure. Preventing water ingress into the lower layers of a pavement structure is critical to preserve the integrity and long-term performance of the pavement section. Even in the harshest environments, GlasPave Paving Mats will provide significant improvement to the service life of the road.



Cracks allow surface water to infiltrate the pavement structure, compromising the strength of the granular base and subgrade.

GlasPave Paving Mats prevent water penetration, preserving the strength of the pavement structure.

EASY TO INSTALL

► Sized Right to Optimize Installation Process

With roll lengths ranging from 75 yds to 120 yds, GlasPave Paving Mats install light side down on a level up course with fewer roll changes when compared with bulkier products with shorter roll lengths. GlasPave Paving Mats are also available in two roll widths (6.25 and 12.50 ft), which make for easier placement around corners and curves, while maximizing layout efficiency.



GlasPave is easy to install using conventional equipment.

► Thermal Stability Means No Shrinkage

Due to the high temperature fiberglass matrix, GlasPave Paving Mats will not shrink or change dimensions when hot mix asphalt comes into contact with them as is common with polypropylene fabrics. This feature eliminates the risk of premature slippage or loss of bond.

► More Robust than Conventional Paving Fabrics

The additional stiffness of GlasPave Paving Mats, compared to paving fabrics and other paving mats, makes them more durable and less prone to on-site installation damage.



Physical Properties of the GlasPave® Hybrid Paving Mats

PROPERTY	TEST METHOD	GlasPave25 English (Metric)	GlasPave50 English (Metric)
Tensile Strength	ASTM D5035	140 lb / in. (25 kN / m)	280 lb / in. (50 kN / m)
Tensile Elongation	ASTM D5035	≤ 5%	≤ 5%
Asphalt Retention	ASTM D6140	0.10 gal / sq yds (0.47 l / m ²)	0.10 gal / sq yds (0.47 l / m ²)
Melting Point	ASTM D276	> 450° F (> 232° C)	> 450° F (> 232° C)
Mass per Unit Area		4.0 oz / sq yds (136 g / m ²)	7.0 oz / sq yds (237 g / m ²)
Roll Sizes		12.5 ft x 360 ft (3.8 m x 109.7 m)	12.5 ft x 216 ft (3.8 m x 65.8 m)
		6.25 ft x 750 ft (1.9 m x 228.6 m)	6.25 ft x 360 ft (1.9 m x 109.7 m)
Roll Area		500 sq yds (418.1 m ²)	300 sq yds (250.8 m ²)
		521 sq yds (436.6 m ²)	250 sq yds (209.5 m ²)

TROUBLE-FREE RECYCLING ON FUTURE REHABILITATION PROJECTS

The stiff 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. Recent testing at National Center for Asphalt Technology (NCAT) demonstrated that an asphalt mix containing 30% recycled asphalt pavement (RAP) with GlasPave fibers performed as well as RAP without GlasPave fibers.

PERFORMANCE YOU CAN COUNT ON

GlasPave Paving Mats are manufactured by Saint-Gobain ADFORS, the world leader in engineered grids and fabrics for the paving marketplace. A hybrid geosynthetic paving material, GlasPave® Paving Mats are a unique combination of fiberglass mesh embedded into high performance polyester mats. The result is the fastest growing engineered paving mats that deliver the highest tensile strength on the market when compared to any other paving mat or paving 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 (Tensar), the leader in geosynthetic soil reinforcement, offers a variety of solutions for foundation and roadway applications. 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 assistance.

For innovative solutions to your site work 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 Paving Mats or any of the Tensar Systems, call **800-TENSAR-1**, visit www.tensarcorp.com or e-mail info@tensarcorp.com.

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