Choose the Pavement Interlayer System That is Right for Your Application

The GlasGrid® Pavement Reinforcement System provides additional support to resist the migration of reflective cracks in roadway applications, thus reducing maintenance and life cycle costs. The GlasGrid System has proven to be effective in every geographical area and climate— from desert environments to near arctic conditions. Manufactured by ADFORS Saint-Gobain Technical Fabrics in Albion, New York, this interlayer system is composed of a series of fiberglass strands coated with an elastomeric polymer and formed into a grid structure. Each strand has a remarkably high tensile strength and high modulus of elasticity; this is particularly important as asphalt concrete typically cracks at low strains. And now GlasGrid TF, the newest product in the GlasGrid System, is the only pavement interlayer to include a pre-installed tack film that offers faster installation, improved performance and savings on labor, time and material costs.

A hybrid geosynthetic paving material, GlasPave™ is a unique combination of fiberglass mesh embedded into high performance polyester mats. The non-woven matrix structure of GlasPave allows for an asphalt binder to penetrate and fill voids within the fabric to limit moisture infiltration into a pavement structure. The fiberglass matrix in a GlasPave paving mat provides significantly greater bond strength at low strain when compared to conventional paving fabrics and other paving mats. This higher strength helps extend pavement life by delaying reflective cracking, which is a common contributor to costly repairs and the eventual failure of asphalt overlay applications. Even in the harshest environments, GlasPave can provide significant improvement to the service life of the overlay.
GlasPave is a product that can be used to increase the performance and total life-cycle cost savings. The GlasPave choice for heavy- and medium-duty overlay projects in terms of aperture to ensure through-hole bonding of asphalt layers. This continues to extend the service life of asphalt overlay applications. Tensar International Corporation (Tensar) offers two geosynthetic interlayers to carry the design traffic. In appropriate interlayer system depending upon:

- **Product Type**: To determine the appropriate interlayer system.
- **Traffic**: To choose the correct geosynthetic interlayer.
- **Subgrade):** To ensure proper support.
- **Proper selection of an interlayer**: To increase the performance and total life-cycle cost savings.
- **Aperture**: To ensure through-hole bonding of asphalt layers.
- **Color**: To choose the correct geosynthetic interlayer.

### Selection of Geosynthetic Pavement Interlayers

Geosynthetic interlayers are used to ensure that the apertures allow for the intended design. This selection guide offers assistance for choosing the appropriate interlayer system depending upon:

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### GlasGrid® and GlasPave® Product Selection Guide

#### GlasPave® Overview

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