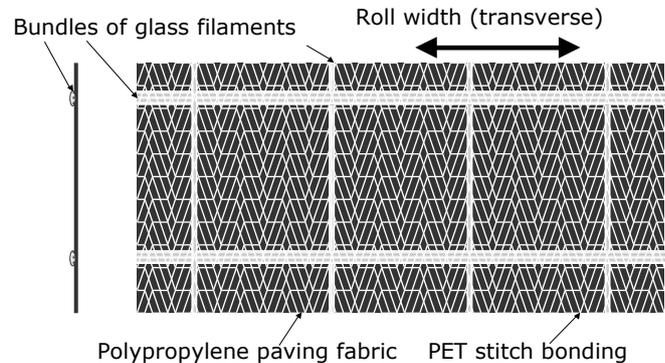


Glasstex® P50 - Paving Composite

Intended use: Glasstex® P50 is an asphalt interlayer (Paving Composite) used in road constructions to mitigate reflective cracking from bound substrates into newly paved asphalt layers.

Product description: Glasstex® P50 consists of a glass filament grid structure stitched with PET yarn onto a polypropylene paving fabric. It combines the reinforcing function of the high tensile glass filaments with, once installed and saturated with bitumen, the moisture barrier and stress relief function (SAMI) of the paving fabric. Furthermore, the paving fabric supports fixing the product during installation due to its continuous structure.

Provided functions: reinforcement (R), stress relief (STR), interlayer barrier (IB)



| Characteristic | Unit | Value |
|------------------------------------|-------------------|--------------------|
| Roll width | m | 1.0, 1.5, 2.0, 3.0 |
| Roll length | m | 100 |
| Product weight | g/m ² | 280 |
| Index strength (1) | kN/m | 50 |
| Typical strain at failure (1) | % | 3.0 |
| Elastic modulus of glass filaments | GPa | 80 |
| Mesh size | mm | 40 × 40 |
| Polymer of Paving Fabric | | PP |
| Weight of Paving fabric (2) | g/m ² | 130 |
| Bitumen retention (3) | kg/m ² | ≥1.1 |

- (1) Index property based on testing the individual glass filaments in accordance with ASTM D 3822. Index properties will differ from testing results on the final product (e.g. to ISO 10319).
- (2) Determined in accordance to EN ISO 9864
- (3) Determined in accordance with EN 15381, Annex C.
- (4) Glasstex® P50 is manufactured in accordance with a Quality Management System which complies with the requirements of EN ISO 9001.
- (5) All quoted dimensions and values are typical unless stated otherwise.

The information in this document supersedes any and all prior Technical Notes for the product(s) designated above, is of an illustrative nature and supplied by Tensar International Limited free of charge for general information purposes only. Tensar reserves the right to amend product descriptions, properties and specifications at any time and without prior notice. This document does not form part of any contract or intended contract. Tensar International Limited excludes to the fullest extent lawfully permitted any and all liability whatsoever for any loss or damage howsoever arising out of the use of and reliance upon this information. It is your sole responsibility and you must assume all risk and liability for the final determination as to the suitability of any Tensar International Limited product and/or design for the use and in the manner contemplated by you in connection with a particular project.

Tensar and TriAx are registered trademarks

Copyright © Tensar International Limited 2017

Tensar International Limited
Tel: +44 (0) 1254 262431
Fax: +44 (0) 1254 266867
E-mail: sales@tensar.co.uk
www.tensar-international.com

UK Head Office
Units 2 - 4 Cunningham Court
Shadsworth Business Park
Blackburn
BB1 2QX
United Kingdom

