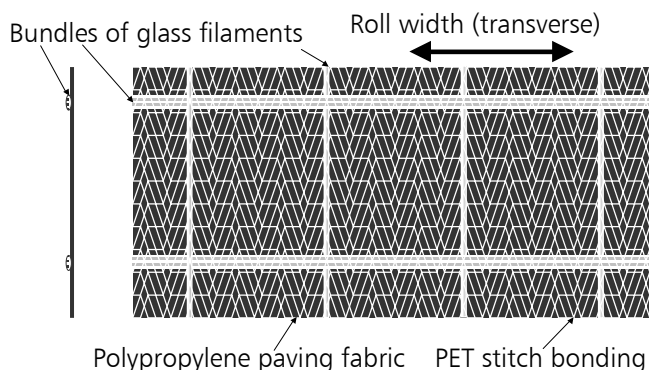


Glasstex P50 Paving Composite Product Specification

Glasstex P50 composite is used for the reinforcement of asphalt overlays in the construction of new pavements and rehabilitation of existing pavements.

Glasstex P50 is a composite consisting of bundles of glass filaments stitched onto a polypropylene paving fabric in both the longitudinal and transverse directions using polyester (PET) yarn. The glass fibres provide high tensile stiffness, and the polypropylene fabric provides a means of maintaining the required geometry of the composite, as well as a fixing layer during installation. Once installed and saturated with bitumen, the paving fabric then acts as a waterproofing layer and also as a stress absorbing membrane interface (SAMI).



| Glasstex P50 Composite | | |
|-------------------------------|-------------------|-----------------------|
| Roll width | m | 1.0, 1.5, 2.0 and 3.0 |
| Roll length | m | 100 |
| Unit weight | kg/m ² | 0.32 |
| Glass filament content | tex/m | 6 × 10 ⁴ |
| Glass filament mesh pitch | mm | 40 × 40 |
| Index strength (1) | kN/m | 50.0 |
| Maximum strain at failure (1) | % | 3.0 |
| Paving fabric properties | | |
| Polymer (2) | | PP |
| Grab tensile strength (3) | N | 450.0 |
| Approx strain at failure (3) | % | 50.0 |
| Asphalt retention (4) | l/m ² | 1.1 |

(1) Index property based on testing the individual glass filaments in accordance with BS EN ISO 3341:2000.

(2) PP denotes polypropylene.

(3) Mean value determined in accordance with ASTM D 4632.

(4) Mean value determined in accordance with ASTM D 6140.

(5) **Glasstex P50** is manufactured in accordance with a Quality Management System which complies with the requirements of BS EN ISO 9001:2000.

(6) All quoted dimensions and values are typical unless stated otherwise.

Determination of the suitability of any information or material for the use contemplated or the manner of use is the sole responsibility of the user.

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