

GLASMAC PP-B

PRODUCT DATA SHEET



Glasmac PP-B is a bitumen coated glass fibre grid incorporated with an ultra-light weight polypropylene spunbond backing for ease of bonding, used to reinforce existing road surfaces and prevent reflective cracking, prior to resurfacing with an asphalt overlay. Glasmac PP-B is also used in new road construction and tie-ins to prevent differential settlement and to reinforce surfacing layers. The high modulus of elasticity of glass enables a significant reduction in the thickness of the bituminous layers for a given traffic loading while the bitumen coated backing helps to prevent the ingress of water.

| PHYSICAL PROPERTIES | | UNITS | 50/50 | 100/100 | TEST METHODS |
|---|----------------|------------------|----------------|----------------|--------------|
| Total Mass | (Nominal) | g/m ² | 225 | 475 | EN ISO 10319 |
| Grid Dimensions | (Nominal) | mm | 25 x 25 | 22 x 18 | |
| Tensile Strength Ultimate (Min.) | Warp (F-Max.): | kN/m | 50 | 100 | EN ISO 10319 |
| | Weft (F-Max.): | kN/m | 50 | 100 | EN ISO 10319 |
| Elongation (Max.) | Warp: | % | 3 | 3 | EN ISO 10319 |
| | Weft: | % | 3 | 3 | EN ISO 10319 |
| Melt Temp. | Glass | C° | >400 | >400 | |
| Minimum Overlay Thickness | Recommended | mm | 35 | 40 | |
| Roll Width | (Nominal) | m | 2 | 2 | |
| Roll Length | (Nominal) | m | 50 | 50 | |

NOTES

1. **Glasmac PP-B** has a light bitumen coating to protect it from moisture and installation damage.
2. Values given are indicative and correspond to nominal results obtained from laboratory testing.
3. Ensure that the clean surface is sprayed with an appropriate tack-coat immediately before applying.
4. Overlay material must be applied hot to facilitate adequate bonding.



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