Glasmac PSA

PRODUCT DATASHEET

Glasmac PSA is a polymer modified Bitumen coated self-adhesive glass fibre grid used to reinforce existing road surfaces, prior to resurfacing with a bituminous overlay, in order to prevent reflective cracking. It 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 also enables a significant reduction in the thickness of the bituminous layers for a given traffic loading.

SPECIFICATIONS						
PHYSICAL PROPERTIES		UNITS	50/50	100/100	100/200	TEST METHOD
Total Mass	(Nominal)	g/m^2	**240**	**450**	**750**	
Grid Dimensions	(Nominal)	mm	**20 x 20**	**20 x 18**	**20 x 15**	
Tensile Strength Ultimate (Min)	Warp (F-Max.):	kN/m	**50**	**100**	**100**	EN ISO 10319
	Weft (F-Max.):	kN/m	**50**	**100**	**200**	EN ISO 10319
Elongation (Max.)	Warp:	%	**3**	**3**	**3**	EN ISO 10319
	Weft:	%	**3**	**3**	**3**	EN ISO 10319
Melt Temp.	Glass	C°	**>500**	**>500**	**>500**	
Minimum Overlay Thickness	Recommended	mm	**35**	**40**	**50**	
Roll Width	(Nominal)	m	**2**	**2**	**1.5**	
Roll Length	(Nominal)	m	**100**	**50**	**50**	
Roll Mass	(Nominal)	kg	**48**	**45**	**57**	

NOTES

1. **Glasmac PSA** is protected from moisture by a polymer modified Bitumen coating
2. Values given are indicative and correspond to nominal results obtained from laboratory testing.
3. A regulatory layer is normally required.
4. Ensure that the surface is dry and dust free prior to application.
5. Overlay material must be applied hot to facilitate correct bonding.