

# GLASMAC PSA

## PRODUCT DATA SHEET

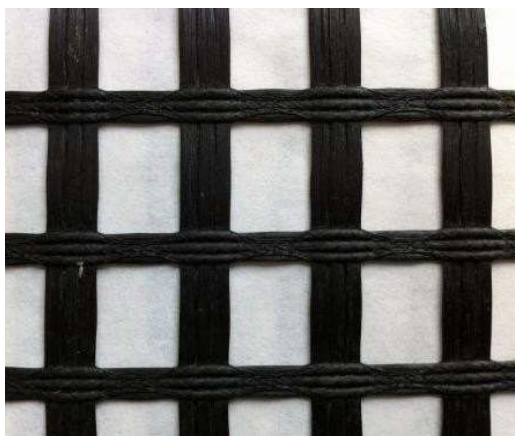


**Glasmac PSA** is a polymer modified Bitumen coated self-adhesive glass fibre grid used to reinforce existing road surfaces, prior to resurfacing with a bituminous overlay, in order to prevent reflective cracking. It is also used in new road construction and tie-ins to prevent differential settlement 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 <sup>2</sup>	250	450	650	
Grid Dimensions	(Nominal)	mm	25 x 25	25 x 25	12.5 x 12.5	
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°	>800	>800	>800	
Minimum Overlay Thickness	Recommended	mm	35	40	40	
Roll Width	(Nominal)	m	2	2	2.0	
Roll Length	(Nominal)	m	100	100	50	
Roll Mass	(Nominal)	kg	50	90	65	

### 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.



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