

### PRODUCT NAME

POLYMAT FR

S&F CODE	ISSUE DATE	ISSUE NUMBER
	14/02/2019	2.03

### DESCRIPTION

A three-dimensional glass mat composed of a knitted glass core sandwiched between two layers of CSM. This product is specifically designed for the closed moulding process using techniques such as RTM & VIP for the production of fire resistant FRP composite parts.

### TECHNICAL CHARACTERISTICS

Grade	UNIT	CSM	CORE	CSM	STITCH	TOTAL
PM/300/G500/300	g/m <sup>2</sup>	300	500	300	8	1108
PM/450/G500/450	g/m <sup>2</sup>	450		450		1408
PM/600/G500/600	g/m <sup>2</sup>	600		600		1708
PM/750/G500/750	g/m <sup>2</sup>	750		750		2008
PM/900/G500/900	g/m <sup>2</sup>	900		900		2308

### Product Benefits

- Can satisfy the highest level of fire performance, including EN45545-2 for rail industry
- Compatible with UPE, Epoxy and Phenolic resin systems
- Offers excellent wet-out and resin flow properties
- Suitable for highly filled and high viscosity resins
- Has excellent conformability, even to complex shapes
- Product has been modified to use a looser stitch, and tension

### PACKAGING, TRANSPORTATION & STORAGE

Packaging	Roll wound on 76mm (3") ID/ 5mm wall thickness tube, wrapped in polythene and labelled
Roll width	Standard width is 1250mm, maximum available width is 2500mm
Palletisation	A pallet typically contains 6 rolls stacked vertically
Identification	Individual labelling to include roll/ lot numbers, chargeable weight or length, S&F code, width and fabric type

### NOTES

For full contractual details please refer to our "Terms & Conditions of Sale" which are available from our Sales Office.

No warranty or guarantee expressed or implied is made regarding the performance of the product since the manner of use and handling is beyond our control.