

# FireShield® Lite

## on Glass Tissue Substrate

REGINA INTERNATIONAL SALES P/L

### Characteristics

The product consists of 13µ-18µ glass fibres, bound by a modified Acrylic resin and impregnated with a low smoke, intumescent, fire retardant chemical which is compatible with industrial grade epoxy, vinyl ester and polyester resins.

### Application

FireShield is to be used in standard liquid moulding processes . These include hand lay-up vacuum bagging , Vacuum Bag Resin Infusion (VBRI), RTM Lite, RTM and pultrusion .

Fire Shield is to be treated in the same manner as a reinforcement ply located just below one or both outermost surfaces of the laminate. FireShield may also be used to encapsulate the entire surface of the composite. (Refer to our web site [www.reginaglass.com.au/Fireshield.php](http://www.reginaglass.com.au/Fireshield.php) )

**Note that the product has longer wet-out than plain tissue, and adjustments may be necessary to production to allow for this.**

Property	Data
Mass (g/m <sup>2</sup> )	150 g/m <sup>2</sup> + or – 5%
Nominal Thickness	500micron(0.50mm )
Solubility in Styrene	Binder is Soluble
Binder type	Polystyrene
Standard Widths	127, 1,000 and 1,270 mm
Standard Roll Lengths	100 m

Products can be made to order, at different mass, thickness and width to the above, and with roll lengths to suit available handling equipment.

These specifications are subject to change without notice.

### Handling

Handle the packs and the product carefully. Knocks or blows may cause chemical to be dislodged from the substrate..

### Storage

Keep FireShield in its' original pack until ready to use.

In the event of damage to the pack, the product may require drying before use.

**Regina International Sales Pty Ltd**  
ABN 54 145 638 008  
21 Regina Street Mitchell Park  
Victoria 3355

Telephone +61 (03) 5339 2214  
Facsimile +61 (03) 5338 1013  
Toll free (1800) 035 019  
Email: [office@reginaglass.com.au](mailto:office@reginaglass.com.au)

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