

FireShield®

on 130gsm satin weave glass cloth

(Applies to all forms of FireShield®, including “W” and “HT”)

Characteristics

The product consists of a satin weave glass cloth, impregnated with a low smoke, intumescent, fire retardant chemical that is compatible with industrial grade epoxy, vinyl ester and polyester resins.

Application

This product may be used in standard liquid moulding processes.

Note that this product has shear, and is recommended where 3D curves have to be followed.

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

www.reginaglass.com.au/laminate-manufacture.html

Property	Data
Mass (g/m ²)	290gsm +/- 5%
Nominal Thickness	600 micron (0.60mm)
Solubility in Styrene	The Binder holding the chemical to the cloth is Soluble
Binder type	Polystyrene
Standard Widths	1000 mm
Standard Roll Lengths	100 m

Products can be made to order, at different 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 carefully. Knocks or blows may cause chemical to be dislodged from the substrate.

Storage

Keep FireShield in the original pack until ready to use.

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

Installation of FireShield protected laminates

Refer to Post Production Practices at www.reginaglass.com.au/laminate-manufacture.html#ppp

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