

FireShield®

on 130 gsm satin weave glass cloth

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

Characteristics

The product consists of a satin weave glass cloth, impregnated with a low smoke, intumescent, fire retardant chemical which is compatible with industrial grade epoxy, vinyl ester and polyester resins. Note that this product has shear, and may be used where 3D curves have to be followed

Application

The product may be used in standard liquid moulding processes, either as supplied or in a pre-preg form.

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/Firesshield.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 ²)	290 g/m ² + or – 10%
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 and product carefully. This product is particularly sensitive to knocks or blows causing 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 www.reginaglass.com.au/Firesshield.php

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