

LARIVER GRP (glass-fibre reinforced plastic) in flat panels is widely used in the RT body-building sector.

LARIVER GRP is produced on modern continuous lamination lines using high quality polyester resins and glass fibre to provide a product with high mechanical strength.

#### Resistance to Corrosion

The product has good resistance to general corrosion by chemical and salt water.

#### Biological Resistance

The product has good resistance to micro-organisms, algae, mildew and fungus

#### Sizes Available

Colour: Milk White or Blue  
Thickness: 1.3mm  
Width: 2550mm  
Full Rolls: 42 metres long  
Cut sheets: From 4000mm long (minimum)  
Different coil widths and / or coil lengths are available on forward order

#### Dimensional Tolerances

Unit Weight: + or - 10%  
Average Thickness: + or - 15%  
Width: + or - 1%  
Lengths: + or - 1%

### MECHANICAL PROPERTIES

Tensile Strength: > 50 MPa  
Bending Strength: 80 – 90 MPa  
Modulus of Elasticity: 6000/7000 MPa  
Elongation: Approx 2%  
Bakol Hardness: >40

### OTHER PROPERTIES

Self-ignition Temperature: Approx 480OC  
Fibre-Glass Content: 25 / 30%  
Light Transmission: >50%  
Density: 1.4 -1.45 g/cm<sup>3</sup>  
Service Temperature: -40 to +120 Centigrade  
Water Absorption: 0.2%  
Thermal Linear Expansion Coefficient:  $2.7 \times 10^{-5}$  cm/cm/degree C  
Heat Transmission Coefficient: Approx 5Kcal/m<sup>2</sup> h degree C

### CONTACT

**Address:** Please make contact directly with your local service centre, which can be found via the Locations page of our web site  
**Web:** [www.aalco.co.uk](http://www.aalco.co.uk)

### REVISION HISTORY

**Datasheet Updated** 12 August 2013

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