

Innovative lightweight honeycomb cores, panels, composites, adhesives, process equipment & consultancy

## UltraLite™ EGP rPET Ultra Lightweight GRP Panel

EGP/rPET/EGP

- Lightweight - 3+Kg/sqm
- Rigid and Structural
- Thermal Insulator
- Energy Absorbing
- Excellent Flatness
- Peel Ply Option
- Easy to Cut and Fabricate
- Easy to Paint and Glue



### Skins

0.5mm 2 Ply EGP Epoxy Glass Prepreg

#### Options

- 0.75mm 3 Ply EGP Epoxy Glass Prepreg
- Removable Peel Ply (pictured) for improved surface adhesion for over laminating/bonding

### Core

- rPET recycled structural foam, 100Kg/m<sup>3</sup>

#### Options

- Density: 60 to 200Kg/m<sup>3</sup>
- Fire rated versions available

### Panel Size Range

- 2440mm x 1220mm (Standard)
- Options: Upto 3000mm x 1300mm depending on skins
- Cut to size kits

### Thickness Range

- 5mm to 50mm (Others on request)

### Weight Range Guide (All panels made to order)

- 0.5EGP/20rPET/0.5EGP  
4.0Kg/sqm@21mm
- 0.5EGP/12rPET/0.5EGP  
3Kg/sqm@13mm
- 0.5EGP/20rPET/0.5EGP  
3.5Kg/sqm@6mm

### Typical Applications

- Lightweight Tooling Boards
- Lightweight Flight Cases
- Lightweight Floor/Wall/Ceiling Panels
- Lightweight Marble / Stone Panels
- Lightweight Ramps
- Lightweight Marine/Train Wall Panels
- Lightweight Architectural Panels
- Lightweight Monocoque Chassis
- Lightweight Machine Covers

**Minimum Order: 3 panels / 10sqm**  
**All panels made to order: Typically 2-4 weeks lead time**

