

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

## AluLite™ PP

### Lightweight PP Honeycomb Panel

ALI/PP/ALI

- Very Lightweight
- Rigid and Structural
- Insulated
- Energy Absorbing
- Sound Absorbing
- Excellent Flatness
- Easy to Cut and Fabricate
- Easy to Paint and Glue



#### Skins

- 0.9mm Aluminum 3000 series (Preprimed)

#### Options

- 0.55mm – 3mm thick
- RAL 9016/9010 Painted
- RAL Colours (1000sqm MOQ)

#### Core

- Polypropylene (PP) Honeycomb

#### Options

- Cell Size: 3/6/8/10mm
- Thickness: 3.5/8/10/15/18/20/22/25/28mm
- Density: 80kg/m<sup>3</sup> (60 & 120Kg/m<sup>3</sup> options)

#### Panel Size Range

- 2500 x 1200mm / 2440 x 1200mm (Standard)
- Options: Up to 4000mm x 2000mm depending on skins
- Cut to size kits

#### Thickness Range

- 5mm to 31mm (Others on request)

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

- |   |   |
|---|---|
| • 0.9ALI/PP - 3.5/0.9ALI<br>6.9Kg/sqm@6mm | • 1.5ALI/PP - 28/1.5ALI<br>8.6Kg/sqm@31mm |
| • 0.9ALI/PP - 10/0.9ALI<br>7.0Kg/sqm@12mm | • 0.9ALI/PP - 28/0.9ALI<br>7.3Kg/sqm@30mm |
| • 1.5ALI/PP - 20/1.5ALI<br>8.5kg/sqm@23mm |   |

#### Typical Applications

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

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

