

## BASIC MATERIAL LIST

### HULLS & BEAMS

|  |                     |
|--|---------------------|
| Plywood (Gaboony) 9mm  | 60 sheets           |
| Fibreglass   |                     |
| Unidirectional 450gsm  | 60 metres           |
| Unidirectional 330gsm  | 42 metres           |
| Unidirectional 900gsm  | 60 metres           |
| Double Bias Tape 450gsm (150mm wide)   | 150 metres          |
| Triaxial 580gsm  | 105 metres          |
| Double Bias 450gsm   | 3 metres            |
| Double Bias 600gsm   | 50 metres           |
| Oregon (or Hoop Pine) timber   |                     |
| 150x40 (finished)  | 3.5 metres          |
| 150x60 (nominal)   | 0.7 metres          |
| 75x60 (nominal)  | 1.2 metres          |
| Cedar timber   |                     |
| 40x20 (nominal)  | 40 metres           |
| 40x40 (nominal)  | 72 metres           |
| 20x20 (nominal)  | 30 metres           |
| 75x10 (finished)   | 12 metres           |
| 75x80 (finished)   | 4 metres            |
| Core-cell polyurethane foam 25 mm thick  | 4 sq metres         |
| Polyurethane pouring foam  | 3 litres (approx)   |
| Epoxy Resin  | 200 litres (Approx) |
| Filler lightweight   | 5 kg                |
| Filler filleting compound  | 25 kg (nominal)     |
| Paint primer   | 20 litres           |
| Paint top coat   | 20 litres           |
| Fabricated aluminium & stainless steel to detail,  | allow \$4400 Aus    |
| Aluminium tubing 25mm OD x 3 (6063 T5)   | 18 metres           |
| Aluminium flat 20x3 mm   | 10 metres           |
| Bolts, metal thread screws, nuts, washers etc as required  |                     |
| A quantity of scrap copper wire for temporarily joining plywood panels.<br>(Obtainable from electric motor repair shops) |                     |
| Consumables: gloves, mixing containers, hand cleaner<br>sanding discs brushes, rollers etc. Allow \$500-\$700            |                     |
| 6mm Acrylic or polycarbonate for windows 3 x 0.6 metres  |                     |

### BUILDING FRAME & MOULD

|   |                  |
|---|------------------|
| 16mm plywood (second hand or form ply)                | 9 sheets         |
| 100 x 50 (nominal) pine or similar                    | 65 lineal metres |
| Gyprock screws, 6mm threaded rod with nuts & washers. |                  |