

## Material List for basic hulls & beams

### Scarab 22 Foam Sandwich Construction

Foam	12mm	75-80kg/cubic metre	41 sheets
Plywood	12mm	Pacific Maple	2 sheets
MDF	16mm	for building frame & cradle	12 sheets
Fibreglass	400gsm	Biaxial (0/90)	205 lin metres
	450gsm	Double Bias (45/45) Tape x 100mm wide	500 lin metres
	450gsm	Unidirectional (0)	25 lin metres
	600gsm	Double Bias (45/45)	25 lin metres
	750gsm	Triaxial (0/45/45)	40 lin metres
Peel Ply			205 lin metres
Resin	Vinylester or Epoxy		270 litres
Filleting powder			20 kg
Sanding Filler			5 kg
Consumables	Solvent, brushes, rollers, gloves etc		

### Scarab 22 Plywood Construction

Plywood Pacific Maple Marine	6mm		30 sheet
	9mm		11 sheet
	12mm		6 sheet
MDF fibre board	16mm		12 sheet
Epoxy Resin			180 litre
TPRDA			10 litre
Glue / Filleting filler			20 k
High strength filler			1 k
Sanding filler			5 k
Fibreglass	Triaxial (warp)	750gsm	40 lin metre
	Double Bias	320gsm	150 lin metre
	Double Bias	600gsm	25 lin metre
	Uniaxial	450gsm	25 lin metre
Fibreglass Tape x 100mm	Double Bias	450gsm	500 lin metre
Peel Ply			200 lin metre
Epoxy Solvent			8 litre
Epoxy Pumps			
Consumables (brushes, roller covers, filleting tools, mixing sticks, hand cleaner, gloves, mixing cups, roller tray and frames, sand paper etc)			