



# Scarab 650 Sports

Folding trimaran

[www.teamscarab.com.au](http://www.teamscarab.com.au)

## Foam Version

### BASIC MATERIAL LIST

MDF or second grade plywood 16	sheets	12
Foam 15mm 130kg/cu high density	sheets	4
Foam 10mm 75kg/cu m (standard density)	sheets	36
Fibreglass		
400gsm Biaxial 1200mm	lin metres	230
400gsm Double Bias tape (100mm)	lin metres	420
600gsm Double Bias (1200mm)	lin metres	12
900gsm Unidirectional (1200mm)	lin metres	15
750gsm Triaxial (1200mm)	lin metres	10
Peel Ply	lin metres	300
Resin (Polyester, Vinylester or Epoxy)	litres	210 approx
Filleting Powder	Kg	20
Sanding filler	Kg	5
Lexan for windows	6mm thick tinted	2300 x 600
Paint High build primer (	litre	12-16 approx
Paint-gloss top coat (preferably 2 pot polyurethane)	litre	12 approx
Folding system	Laser cut aluminium 5083 alloy, H321 temper	allow \$1300 AUD
pivot pins	6061 Alloy T6 Temper	allow \$100 AUD
Aluminium flat bar 25mm x 6mm	lin metres	2
Sikaflex sealant	cylinder	2
various fabricated & standard fittings		
various nuts, bolts & screws		



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Plywood Version

## BASIC MATERIAL LIST

MDF or second grade plywood 16mm	sheets	12
Plywood Gaboon (Okume) or Pacific Maple	sheets	4
6mm	sheets	34
9mm	sheets	4
12mm	sheets	4
Fibreglass		
300gsm Biaxial 1200mm	lin metres	185
400gsm Double Bias tape (100mm)	lin metres	420
400gsm Double Bias (1200mm)	lin metres	5
600gsm Double Bias (1200mm)	lin metres	10
900gsm Unidirectional (1200mm)	lin metres	15
750gsm Triaxial (1200mm)	lin metres	10
Peel Ply	lin metres	200
Resin (Epoxy)	litres	200 approx
Filleting Powder	Kg	20
Sanding filler	Kg	5
Lexan for windows	6mm thick tinted	2300 x 600
Paint High build primer (	litre	12-16 approx
Paint-gloss top coat (preferably 2 pot polyurethane)	litre	12 approx
Folding system	Laser cut aluminium 5083 alloy, H321 temper	allow \$1300 AUD
pivot pins	6061 Alloy T6 Temper	allow \$100 AUD
Aluminium flat bar 25mm x 6mm	lin metres	2
Sikaflex sealant	cylinder	2
various fabricated & standard fittings		
various nuts, bolts & screws		