

TriRAID 560s - LIST OF MATERIALS (METRIC)

STATUS: 05/2018

The following list of materials is approximate and intended for calculation of approximate costs. No allowance has been made in the quantities. We offer no guarantees of accuracy.

Pos	Description		Qty	Notes	
1	PLYWOOD				
	Okoume marine grade plywood (BS 1088)				
		Thickness	Sheets		
		mm m m			
	Main hull + Amas	4 2,50 x 1,22	4,0 =	12,20 m ²	
	Main Hull	6 2,50 x 1,22	6,0 =	18,30 m ²	
	Akas, Centerboard etc.	12 2,50 x 1,22	1,0 =	3,05 m ²	
2	TIMBER				
	Spruce, fir or poplar, selected, free of knots, fractures etc.				
		mm mm			
	Centerboard Casing	25 x 32		1,0 m	
	Centerboard Casing	19 x 32		1,0 m	
	Sheer Clamp	19 x 25		12,0 m	
	Sheer Clamp Ama	16 x 19		19,0 m	
	Backbone and Bulkhead Fillet	16 x 16		12,0 m	
	Deck and Cockpit Stringer	12 x 25		7,0 m	
	Carlin	12 x 19		9,0 m	
	Bulkhead Fillet, Coaming Rim	12 x 12		8,0 m	
3	EPOXY, FILLER, GLASS				
	Epoxy (Resin + Hardener)			10,00 kg	
	High density filler (microfiber, colloidal silica)			1000 g	
	Low density filler (microspheres etc.)			500 g	
	Glass tape, 187 g/m ² , 50mm			60,00 m	
	Glass tape, 187 g/m ² , 75mm			25,00 m	
	Glass cloth, 200 g/m ²			10,00 m ²	
	Glass cloth, 100 g/m ²			4,00 m ²	
4	ALUMINUM				
	Aluminium Profiles 6060 or better 6061				
	Sloop Rig				
	Round Tube	80 OD x 76 ID	mast step	0,45 m	
	Round Tube	70 OD x 66 ID	lower mast	3,60 m	
	Round Tube	60 OD x 56 ID	top mast	2,60 m	
	Round Tube	60 OD x 56 ID	boom	2,30 m	
	Cat Ketch Rig - subject to change!				
*	Round Tube	80 OD x 76 ID	main mast step	0,45 m	depends on spar setup
	Round Tube	70 OD x 66 ID	lower main mast	3,00 m	
	Round Tube	60 OD x 56 ID	top main mast	2,70 m	
*	Round Tube	60 OD x 56 ID	main boom	2,50 m	depends on spar setup
*	Round Tube	70 OD x 66 ID	mizzen mast step	0,35 m	depends on spar setup
	Round Tube	60 OD x 56 ID	lower mizzen mast	3,00 m	
	Round Tube	50 OD x 46 ID	top mizzen mast	2,00 m	
*	Round Tube	50 OD x 46 ID	mizzen boom	1,70 m	depends on spar setup
	Akas + Steering				
	Round Tube	80 OD x 74 ID	crossbeam 2 x 1,60	3,20 m	
	Round Tube	70 OD x 64 ID	telesc. aka 4 x 0,95	3,80 m	
	Round bar	Ø 8	rudder	0,20 m	
	Round bar	Ø 6	mast	0,20 m	
	Angle (L-Profile)	30 x 30 x 3	rudder	2 x 0,13	0,26 m
	Angle (L-Profile)	25 x 25 x 3	rudder	2 x 0,05	0,10 m
	Rectangle bar	30 x 4	rudder		0,50 m