

Design 165 – Approximate Structural Ply Usage

	Standard 9mm & 12mm Ply		Alternative 8mm & 10mm Ply	
	9mm	12mm	8mm	10mm
Lapstrake hull	10.00			10.00
Transom	4.00		4.00	
Coamings	2.00			2.00
Foredeck	0.50			0.50
Sidedecks	2.00			2.00
Saloon roof	1.00			1.00
Doghouse roof	1.50		1.50	
Cockpit sides	2.00		2.00	
Cockpit seats	1.50		0.50	1.00
Cockpit sole	0.50		0.50	
Bridgedeck front	0.25		0.25	
Outboard well	0.50			0.50
Cockpit bulkheads	0.50		0.50	
Saloon & doghouse fronts (scrap from transom)	0.00		0.00	
Frame -3700	1.00			1.00
Frame -2800	0.50		0.50	
Frame -300 (scrap from others)	0.00		0.00	
Centrebase		1.00		1.00
Centreboard	0.50		0.50	
Total for laminated construction	28.25	1.00	10.25	19.00
Ply sandwich frames	10.00			10.00
Ply sandwich backbone		9.00		
Minus laminated frame ply	-1.50		-0.50	-1.00
Total for ply sandwich construction	36.75	10.00	9.75	28.00

Note: 8mm and 10mm are an alternative to 9mm. 12mm is still required.