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Marine Plywood: Product Strength Data

All Bending and Elasticity data are expressed in N/mm²
 Density is Kilograms per 2500 x 1220mm sheet.

Robbins Elite Marine Plywood					
Thickness	Bending Lengthways	Bending Crossways	Elasticity Lengthways	Elasticity Crossways	Density per sheet (kg)
4mm	44	24	6000	1500	5-6
5mm	40	26	5800	2000	7-8
6mm	48	36	6000	3300	8-9
9mm	40	28	5000	4000	12-13
12mm	40	40	5000	4500	17-18
15mm	36	36	4500	3500	21-22
18mm	36	36	4500	3500	25-26
25mm	40	40	4000	4000	35-36

Robbins Super Elite Marine Plywood					
Thickness	Bending Lengthways	Bending Crossways	Elasticity Lengthways	Elasticity Crossways	Density per sheet (kg)
4mm	90	36	8400	4000	7-8
6mm	80	40	7600	4400	11-12
9mm	65	40	5920	4400	17-18
12mm	60	48	5450	4000	22-23
15mm	58	48	5600	4000	28-29
18mm	52	47	5440	3840	34-35

Robbins Super Elite Plus Marine Plywood					
Thickness	Bending Lengthway	Bending Crossways	Elasticity Lengthways	Elasticity Crossways	Density per sheet (kg)
4mm	110	45	10500	5000	8-9
6mm	100	50	9500	5500	12-13
9mm	80	50	7400	5500	19-20
12mm	75	60	6800	5000	25-26
15mm	72	60	7000	5000	32-33
18mm	65	59	6800	4800	38-39

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