



**BROOKGATE ■ ASHTON VALE ■ BRISTOL ■ BS3 2UN ■ UK**  
**Tel: +44(0)117 963 3136 ■ Email: timber@robbins.co.uk ■ www.robbins.co.uk**

## Marine Plywood: Product Strength Data

All Bending Strength data is expressed in N/mm<sup>2</sup>  
 Density per sheet figures are approximate in kilograms  
 Revision date: 04/02/2022

<b>Robbins Elite Marine Plywood</b>	
Bending strength parallel to faces ( $f_{m,0}$ )	26 N/mm <sup>2</sup>
Bending strength perpendicular to faces ( $f_{m,90}$ )	34 N/mm <sup>2</sup>
Bending modulus parallel to faces ( $E_{m,0}$ )	3300 N/mm <sup>2</sup>
Bending modulus perpendicular to faces ( $E_{m,90}$ )	3900 N/mm <sup>2</sup>
<b>Density per sheet</b>	
2500 x 1220 x 3mm	5 kg
2500 x 1220 x 4mm	6 kg
2500 x 1220 x 5mm	7 kg
2500 x 1220 x 6mm	9 kg
2500 x 1220 x 8mm	12 kg
2500 x 1220 x 9mm	13 kg
2500 x 1220 x 12mm	18 kg
2500 x 1220 x 15mm	23 kg
2500 x 1220 x 18mm	27 kg
2500 x 1220 x 22mm	33 kg
2500 x 1220 x 25mm	37 kg

<b>Robbins Super Elite + Marine Plywood</b>	
Bending strength parallel to faces ( $f_{m,0}$ )	52 N/mm <sup>2</sup>
Bending strength perpendicular to faces ( $f_{m,90}$ )	45 N/mm <sup>2</sup>
Bending modulus parallel to faces ( $E_{m,0}$ )	6200 N/mm <sup>2</sup>
Bending modulus perpendicular to faces ( $E_{m,90}$ )	5200 N/mm <sup>2</sup>
<b>Density per sheet</b>	
2500 x 1220 x 4mm	9 kg
2500 x 1220 x 6mm	14 kg
2500 x 1220 x 9mm	22 kg
2500 x 1220 x 12mm	29 kg
2500 x 1220 x 15mm	36 kg
2500 x 1220 x 18mm	43 kg
2500 x 1220 x 25mm	58 kg

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