

<b>Description:</b>	Premboard is a versatile, semi-rigid board with high impact properties and excellent strength to weight ratio.
<b>Composition:</b>	A polypropylene co-polymer consisting of a twin wall profile extrusion, connected by a series of vertical ribs
<b>Characteristics:</b>	<ul style="list-style-type: none"> <li>• Ranges in weight from 250 gsm to 2000 gsm</li> <li>• Range of colours available: natural, white, black, red, blue, green, yellow, and grey. Other colours by request.</li> <li>• Excellent chemical resistance properties, however solvents/stress crack agents and strong acids/oxidising agents should be avoided</li> <li>• 100% recyclable</li> </ul>
<b>Uses:</b>	<p>Protection of waterproof membranes against mechanical damage during construction, backfilling and when in service.</p> <p>Protection of finished surfaces to avoid damage by secondary trades.</p>
<b>Recommended Temperatures:</b>	<p>Application: + 5 to + 55 °C</p> <p>Service: - 20 to + 85 °C</p> <p>Peak: + 85 °C</p>
<b>Storage:</b>	UV Stabilised Premboard has an expected outdoor life up to two years depending on colour, degree of sunlight exposure and general weather conditions
<b>Available Sizes:</b>	<p>Standard sizes: 1830 x 1220 mm, 1830 x 915 mm, 2440 x 1220 mm</p> <p>Thickness range: 2.00 - 10.5 mm</p> <p>Other sizes available by arrangement.</p>

<b>Mechanical and Thermal Properties:</b>	<b>Test</b>	<b>Method</b>	<b>Units</b>	<b>Value</b>
	Tensile Strength @ Yield	ASTM D638	MPa	25
	Flexural Modulus	ASTM D790	GPa	1.1
	Izod Impact	ASTM D256	J/m	134
	Izod Impact @ 23°C	ISO 180/1	kJ/m <sup>2</sup>	14
	Izod Impact @ 0°C	ISO 180/1	kJ/m <sup>2</sup>	6.5
	Izod Impact @ -23°C	ISO 180/1	kJ/m <sup>2</sup>	4
	Specific Gravity	ASTM D792	Kg/L	0.910-0.925
	Hardness	ASTM D2240	Shore D	68
	Mould Shrinkage	ASTM D955	%	1-2
	Heat Deflection Temperature @ 1.82 MPa	ASTM D696	°C	50
	Co-efficient of Linear Thermal Expansion	ASTM D696	mm/mm/°C	10-15 x 10 <sup>-5</sup>