



<b>FACES</b>	Peeled Gurjan Veneer Faces
<b>INNER LAYERS</b>	100% Red Eucalyptus
<b>GLUE</b>	Phenol Formaldehyde (PF)

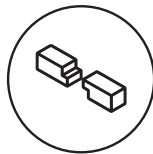
**RECOMMENDED APPLICATIONS**



Commercial Vehicles, Vans



Marine



Indoor Joinery



Indoor Furniture



DATA SHEET

Suntree Dura BWP Grade Marine Plywood is made from 100% Eucalyptus wood and is bonded with undiluted Phenol Formaldehyde (PF) resins which are processed through high temperature and pressure to keep the bonding intact even after 72 hours of boiling. All veneers are treated with preservatives and an additional treatment on glue line is performed with highly durable preservatives. The core veneers of this BWP quality plywood is given chemical treatment in a Vacuum Pressure Impregnation (VPT) process. The result is a Boiling Waterproof Plywood that is highly resistant to attacks from all types of micro organisms and extremely severe weather conditions. This BWP plywood comes with IS:710-2010 and also with 25 Years Warranty\*.

<b>THICKNESS</b>	<b>6 MM</b>	<b>9 MM</b>	<b>12 MM</b>	<b>16 MM</b>	<b>19 MM</b>	<b>25 MM</b>
<b>NO. OF PLYS</b>	<b>5 PLY</b>	<b>7 PLY</b>	<b>9 PLY</b>	<b>11 PLY</b>	<b>13 PLY</b>	<b>17 PLY</b>

## SUNTREE DURA (IS:710)

### TEST ANALYSIS REPORT (As Per IS:710-2010 )

TYPES OF TESTS	REFERENCE VALUE	OBSERVED VALUE
Glue Shear Strength ( After 72 hour boiling)	Min. Ind.800 Avg. 1000 N	N1150 N 1240 N
Moisture Content Test	Not less then 5%	9%
Adhesion of Plies	Minimum Pass Standard	Excellent
Glue Shear Strength (dry state)	Min. Ind.1100 N Avg. 1350 N	1250 N 1450 N
Static bending strength (Dry) Modulus of Rupture – Along the grain – Across the grain	Avg.50 N/Sq.mm Avg.30 N/Sq.mm	63 N/ sq.mm 38 N/ sq.mm
Modulus of Elasticity – Along the grain – Across the grain	Avg.7500 N/Sq.mm Avg.4000 N/Sq.mm	9200 N/ sq.mm 8295 N/ sq.mm 4150 N/ sq.mm

<p>Static bending strength (Dry)</p> <p>Modulus of Rupture – Along the grain – Across the grain</p>	<p>Avg.25 N/Sq.mm Avg.15 N/Sq.mm</p>	<p>34 N/ sq.mm 21 N/ sq.mm</p>
<p>Modulus of Elasticity – Along the grain – Across the grain</p>	<p>Avg.3750 N/Sq.mm Avg.2000 N/Sq.mm</p>	<p>5440 N/ sq.mm 2100 N/ sq.mm</p>
<p>Tensile Strength – Along the grain – Across the grain Aum if tensile strength</p>	<p>42.00 N/ sq.mm 25.00 N/ sq.mm 84.50 N/ sq.mm</p>	<p>53.00 N/ sq.mm 38 N/ sq.mm 92.50 N/ sq.mm</p>
<p>Retention of Preservative Chemicals Kg/Cbm. (ACC Type)</p>	<p>Min 12 kg/cbm</p>	<p>12.9 Kg/Cbm</p>



# SUNTREE<sup>®</sup>

Builds Confidence

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