



**Besgrade**  
 Products Sdn. Bhd.  
 (293019-V)  
 美亞胶合板有限公司

# Plywood Technical Data Sheet

## (Performance Characteristic)

### Malaysian Tropical Medium Light Hardwood

### Concrete Forming Plywood

<b>Thickness/mm</b>	<b>Type</b>	12mm / 5 plies	<b>Composition Ratio</b>	51.6%	
	<b>Min</b>	12.5	<b>Veneer Thickness (mm)</b>	<b>Face/ Back</b>	1.50
	<b>Max</b>	11.5		<b>Short Core</b>	3.00
	<b>Lay-up</b>	-   -   -   -		<b>Long Core</b>	3.40

<b>Dimensional Tolerance</b>	
<b>Length &amp; Width</b>	+ 0mm , -2mm
<b>Bend of side line</b>	< 1mm

<b>Bonding Shear Strength</b>	> 0.70 MPa or N/mm <sup>2</sup>	<b>Result</b>	1.70 MPa
<b>Bending Stiffness</b>	> 7.00 N/mm <sup>2</sup>	<b>Result</b>	7.54 N/mm <sup>2</sup>
<b>Release of formaldehyde</b>			
<b>Requirements</b>		<b>Results</b>	
<b>Concentration,</b>	<b>Average Maximum</b>	0.5mg/L 0.7mg/L	0.37mg/L 0.47mg/L
<b>Performance Class</b>	F ***	F ***	



# Plywood Technical Data Sheet

## (Performance Characteristic)

### Malaysian Tropical Medium Light Hardwood

### Concrete Forming Plywood

<b>Thickness/mm</b>	<b>Type</b>	18mm / 7 plies	<b>Composition Ratio</b>		52.1%
	<b>Min</b>	18.7	<b>Veneer Thickness (mm)</b>	<b>Face/ Back</b>	1.50
	<b>Max</b>	17.3		<b>Short Core</b>	3.00
	<b>Lay-up</b>	-   -   -   -   -   -		<b>Long Core</b>	3.40

<b>Dimensional Tolerance</b>	
<b>Length &amp; Width</b>	+ 0mm , -2mm
<b>Bend of side line</b>	< 1mm

<b>Bonding Strength</b>	> 0.70 MPa or N/mm <sup>2</sup>	<b>Result</b>	1.20 MPa
<b>Bending Shear Strength</b>	> 6.00 N/mm <sup>2</sup>	<b>Result</b>	8.00 N/mm <sup>2</sup>
<b>Release of formaldehyde</b>			
<b>Requirements</b>		<b>Results</b>	
<b>Concentration,</b>	<b>Average</b> <b>Maximum</b>	0.5mg/L 0.7mg/L	0.10mg/L 0.20mg/L
<b>Performance Class</b>	F ***	F ****	

