

	ASIA GREEN WOOD SDN BHD (5653-H)	DOC. NO.	AGW/SP/10
	APPENDIX B10: PLYWOOD CONSTRUCTION AND WOOD SPECIES REQUIREMENT	REV. NO.	07
		EFF. DATE	25.11.2025
		PAGE NO.	4 OF 5

2.2 MARINE PLYWOOD - WOOD SPECIES REQUIREMENT IN ACCORDANCE TO EN 350:2016.

TIMBER SPECIES BIOLOGICAL DURABILITY CLASS 3 AND BETTER (DC1 to DC4)

2.2.1 STANDARD MARINE PLYWOOD

No.	Common Name	Scientific Name	Density	Durability Class	Reference
1)	Meranti Sarang Punai	<i>Shorea Parvifolia</i>	490 - 520 - 550	DC3	BS EN 350:2016
2)	Meranti Tembaga	<i>Shorea Leprosula</i>	490 - 520 - 550	DC2-4 (3) ^{*1}	
3)	Meranti Seraya	<i>Shorea Curtisii</i>	600 - 680 - 730	DC2-4 (2) ^{*1}	
4)	Meranti Bukit	<i>Shorea Platyclados</i>	684.53	DC2-4 (2) ^{*1}	
5)	Meranti Nemusu	<i>Shorea Pauciflora</i>	600 - 680 - 730	DC2-4 (2) ^{*1}	
6)	Sepetir	<i>Sindora Coriacea</i>	650 - 660 - 670	DC2	
7)	Kasai	<i>Pometia Pinnata</i>	650 - 710 - 750	DC3	
8)	Keruing	<i>Dipterocarpus Cornutus</i>	740 - 750 - 780	DC3	
9)	Kapur	<i>Dryobalanops Oblongifolia</i>	630 - 700 - 790	DC1-2	
10)	Kempas	<i>Koompassia Malaccensis</i>	850 - 860 - 880	DC2	
11)	Eucalyptus	<i>Eucalyptus Grandis</i>	540	DC3-4 ^{*1}	
12)	Eucalyptus	<i>Eucalyptus Saligna</i>	850	DC3	
13)	Sesendok ^{*2}	<i>Endospermum Diadenum</i>	420 - 480 - 530	DC3	
Notes: ^{*1} Wood species only suitable to use as inner veneers.					
^{*2} Sesendok's density shall be checked during incoming. If measured density >500kg/m ³ can go into Marine Plywood production. If measured density <500kg/m ³ shall excluded from Marine Plywood production.					

2.2.2 LIGHTWEIGHT MARINE PLYWOOD

No.	Common Name	Scientific Name	Density	Durability Class	Reference
1)	Eucalyptus Grandis	<i>Eucalyptus Grandis</i> (Small young tree)	<500	DC3-4	BS EN 350:2016

2.3 STANDARD MARINE PLYWOOD – OTHER REQUIREMENTS