

亞 洲 夾 板 有 限 公 司 ASIA PLYWOOD COMPANY SDN. BHD.

(Company No : 5653-H)
Plot 35-38 , Kawasan Perusahaan Bukit Selambau,
P. O. Box 42, 08010 Sungai Petani, Kedah, Malaysia.
(GST NO. 000787742720)



**HOUSE BRAND
CHAP RUMAH**

PLYWOOD & VENEERS Hunting Lines Tel : Nos. 604-4197111 Fax : 604-4197001/002

DECLARATION OF PERFORMANCE (DOP)			Document Number:	12.0mm-DOP-MRN
Revision: 6	Revision date: 14-Nov-2020		Active Date:	22-Sep-2019
Product Type	Intended use	Glue Type	AVCP*	Notified Body
Standard Marine Plywood Thickness = 12.0mm (5ply) Q-Mark & CE Mark	External use as structural component EN314-2 Class 3 EN636-1S, 2S & 3S	WBP Phenol Formaldehyde	AVCP 2+	Element Materials Technology Rotterdam B.V 2812-CPR-0053
*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011				

Declared Performance

No.	Essential characteristics	Performance	Harmonised technical specification
1)	Bending strength	$F_{m,0}$ $F_{m,90}$	EN310:1993
2)	Bending stiffness (Modulus of Elasticity)	$E_{m,0}$ $E_{m,90}$	
3)	Bonding Quality i) Pretreatment 5.1.1 ii) Pretreatment 5.1.4	Average = 1.159 N/mm ² Average = 0.982 N/mm ²	EN314-1:2004 EN314-2:1993
4)	Bonding Quality	Bonding Class 3	EN 13986:2004+A1:2015 - Clause 5.3
5)	Durability (Swelling in thickness)	NPD (Not available for plywood)	EN323:1993
6)	Durability (Moisture resistance)	NPD (Not available for plywood)	EN323:1993
7)	Release of formaldehyde	E1	EN 13986:2004+A1:2015 - Annex B
8)	Reaction to fire	D-s2, d0	EN 13986:2004+A1:2015 - Table 8
9)	Water vapour permeability μ	Wet cup = 70 ; Dry cup = 200	EN 13986:2004+A1:2015 - Table 9
10)	Airborne sound insulation (R) (Frequency range of 1kHz ~ 3kHz)	24.12 dB	EN 13986:2004+A1:2015 - clause 5.10
11)	Thermal conductivity λ	0.13 W/m.K	EN 13986:2004+A1:2015 - Table 11
12)	Strength and stiffness for structure use	NPD	EN789:2004
13)	Mechanical durability	K_{mod} 0.55 , K_{def} 2.50	EN 1995-1-1:2004+A2:2014 - Table 3.1 & 3.2
14)	Biological durability	Class 1 to 3	EN 350:2016
15)	Content of pentachlorophenol	≤ 5 ppm	EN 13986:2004+A1:2015 - Clause 5.18
16)	Air permeability	NPD	EN 12114:2000
17)	Racking resistance	NPD	EN 1995-1-1:2004+A2:2014
18)	Embedment strength	NPD	EN 383:2007

Item (7), (8) and (10) - Value declared based on density.

The performance of the product identified is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Sign for and on behalf of the manufacturer by:

SIGNATURE:

NAME: MIKE CHONG LEE CHUIN

TITLE: QA / QMR OFFICER

PLACE AND DATE OF ISSUE:

SUNGAI PETANI, KEDAH DARUL AMAN, MALAYSIA

22 September 2019