

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: 18.0mm-DOP |  |
|---|--|---------------------------|-----------------------------|--|
|   |  | Revision: Version 3       | Active Date: 28-Apr-2016    |  |
| Product Type  | Intended use   | Glue Type                 | AVCP*                       | Notified Body reference                |
| Plywood<br>18.0mm 4' X 8' BB/CC<br>CE Mark on packaging   | External use as structural component<br><b>EN636-1S, 2S &amp; 3S</b> | WBP (Phenol Formaldehyde) | AVCP 2+                     | BM Trada Certification Ltd<br>1224-CPR |
| *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   | $F_{m,0}$<br>$F_{m,90}$  | EN 310                             |
| 2)  | Bending stiffness (Modulus of Elasticity)                      | Class F20<br>Class F25   |                                    |
| 3)  | Bonding Quality  | Average = 1.755 N/mm <sup>2</sup><br>Average = 1.725 N/mm <sup>2</sup> | EN 314-1 & EN 314-2                |
|     | i) Pretreatment 5.1.1<br>ii) Pretreatment 5.1.4                |  |                                    |
| 4)  | Internal bond (Tensile strength)                               | NPD  |                                    |
| 5)  | Durability (Swelling in thickness)                             | NPD  |                                    |
| 6)  | Durability (Moisture resistance)                               | Dry, Humid & Exterior conditions                                       | EN 13986 - Clause 5.6.5            |
| 7)  | Release of formaldehyde  | E1   | EN 13986 - Annex B                 |
| 8)  | Reaction to fire   | D-s2, d0   | EN 13986 - Table 8                 |
| 9)  | Water vapour permeability $\mu$                                | Wet cup = 70 ; Dry cup = 200   | EN 13986 - Table 9                 |
| 10) | Airborne sound insulation (R) (Frequency range of 1kHz ~ 3kHz) | 26.41 dB   | EN 13986 - clause 5.10             |
| 11) | Thermal conductivity $\lambda$                                 | 0.13 W/m.K   | EN 13986 - Table 11                |
| 12) | Strength and stiffness for structure use                       | NPD  | EN789                              |
| 13) | Mechanical durability  | $K_{mod}$ 0.55 , $K_{def}$ 2.50  | EN 1995-1-1 - Table 3.1 & 3.2      |
| 14) | Biological durability  | 4  | ENV 1099                           |
| 15) | Content of pentachlorophenol                                   | ≤ 5 ppm  | EN13986 - Clause 5.18              |
| 16) | Air permeability   | NPD  | EN 12114                           |
| 17) | Racking resistance   | NPD  | EN 1995-1-1                        |
| 18) | Embedment strength   | NPD  | EN 383                             |

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

28<sup>TH</sup> APRIL 2016