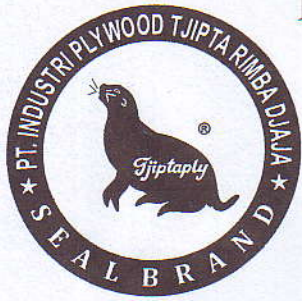


# PT. INDUSTRI PLYWOOD TJIPTA RIMBA DJAJA

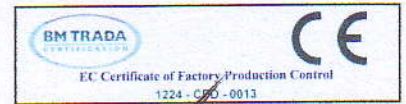


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**Factory :**

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 Medan Deli ,Kota Medan Sumatera Utara, Indonesia  
 Tel. (061) 6614622 (Hunting), Fax. (061) 6617932



## DECLARATION OF PERFORMANCE (DOP)

No : 067/TRD-MKT/VII/2019

1. Unique identification code of the product: *Hardwood plywood*
2. Type and batch number: **F2-12mm18, 18mm36 - 2019**
3. Intended use: *External use as structural components EN 13986:2004(3), phenol formaldehyde, emission class E1.*
4. Manufacturer: **PT. Industri Plywood Tjipta Rimba Djaja (1224 - CPD - 0013)**  
**Jl. KLY Sudarso KM 7 1/2 T.Mulia - Medan Deli Kotamadya Medan Indonesia**
5. Authorised representative: *Not Applicable*
6. System or system of assessment and verification of constancy of performance: **CE2+**
7. Name and identification number of the notified body:  
*BM TRADA Certification Ltd., (Identification no.: 1224)*  
*Stocking Lane, Hughenden Valley,*  
*High Wycombe, Bucks, HP14 4ND, UK*
8. European Technical Assessment: *Not Applicable*
9. Declared performance

Essential Characteristics	Performance		Harmonised Technical Specification
	Thickness (mm)		
	12.0	18.0	
<b>Mean of bending strength</b>			EN 310 : 1993
0° (N/mm <sup>2</sup> )	F 35	F 30	
90° (N/mm <sup>2</sup> )	F 35	F 25	
<b>Mean of modulus of elasticity</b>			EN 310 : 1993
0° (N/mm <sup>2</sup> )	E 50	E 60	
90° (N/mm <sup>2</sup> )	E 50	E 50	
<b>Mean of bonding quality (N/mm<sup>2</sup>)</b>	1.05	1.10	EN 314-2 : 2004 Class 3



Mean of moisture content (%)	9.14	9.14	EN 322 : 1993
Mean of density (kg/m <sup>3</sup> )	577.42	577.42	EN 323 : 1993
Durability (moisture resistance)	NPD	NPD	-
Release of formaldehyde	E1	E1	EN 13986 : 2004 Annex B
Reaction of fire	D-s2,d0	D-s2,d0	EN 13986 : 2004 Table 8
Water vapour permeability			EN 13986 : 2004 Table 9
Wet cup (μ)	70	70	
Dry cup (μ)	200	200	
Airbone sound insulation	NPD	NPD	-
Thermal conductivity (W/(m.k))	0.13	0.13	EN 13986 : 2004 Table 11
Strength and stiffness for structural use	NPD	NPD	-
Mechanical durability	NPD	NPD	-
Biological durability	NPD	NPD	-
Content of pentachlorophenol	NPD	NPD	-

10. The performance of the product in conformity with the declared performance in point 9.  
This declaration of performance is issued under the sole responsibility of the manufacturer.

Medan, July 09<sup>TH</sup> · 2019

**Djamilawati**