

Declaration of Performance



Marine Plywood

DoP No.: HA/PLY-005/CE2+

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Product identification	Kuring F/B, Comptosperma Core Plywood				
FSC NO	SCS-COC-003753				
Product Types	6mm	9mm	12mm	15mm	18mm
Intended uses	For use in building constuction, marine craft ,waterway applications				

Name and contact address of the manufacturer	Huain Arser Wood Co.,Ltd No.10 Yanhuang Road West Industrial Zone Lianshan, Jiangsu China				
Mill identification	75589412-9				
Harmonized standard	EN13986:2004 BS:1088-2003				
AVCP System	2+				
Notified Body	1224				
Certificate	CE Mark 1224-CPR-0222				

Essential Characteristics	Declared performance	Technical Specification
Release of formaldehyde	E1 (phenolic resin bonded)	EN13986 Annex B Note 2
Bond quality	Class 3	EN 314-1/2 Type testing
Density	shall be >600 kg/ m ³ at 12%moisture contend	EN323 Type testing
Reaction to fire	D-s2, d0	EN13986 Table 8

Dimensional tolerances	Declared performance	Technical Specification				
Length and width	+3.5/ -3.5mm	EN324-2				
Squareness	+ / 1.0mm/m					
Straightness	+ / - 1.0mm/m					
Thickness	See below per Type			EN324-1/EN315/EN12871		
	Product Type	6mm	9mm	12mm	18mm	25mm
	Maximum (mm)	6.38	9.47	12.56	18.74	25.95
	Minimum (mm)	5.42	8.53	11.44	17.26	24.05

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Bending strength ⊥ [N/mm ²]		See below per Type			EN310	
	Product Type	6mm	9mm	12mm	18mm	25mm
	longitudinal grain	56.78	65.63	54.86	60.71	40.78
	cross grain	52.15	59.74	46.57	53.59	40.49
	Class	F30	F40	F30	F30	F25

Modulus of elasticity in bending ⊥ [N/mm ²]		See below per Type			EN310	
	Product Type	6mm	9mm	12mm	18mm	25mm
	longitudinal grain	6463.81	6617.67	6839.43	6980.98	8182.71
	cross grain	5637.15	5947.75	5874.66	5978.35	7133.89
	Class	E60	E60	E60	E60	E70

Bonding quality after pretreatment		See below per Type			EN314-1/2(5.1.4)	
	Product Type	6mm	9mm	12mm	18mm	25mm
	mean shear strength (N/mm ²)	1.08	1.22	1.32	1.46	1.53
	mean app. coh. wood fail. [%]	35	35	80	15	75

Density		See below per Type			EN323	
	Product Type	6mm	9mm	12mm	18mm	25mm
	Average Measured Density	789.1	760.35	774.18	725.11	709.37

Moisture content		See below per Type			EN322	
	Product Type	6mm	9mm	12mm	18mm	25mm
	Average Measured Moisture Content (%)	11.20%	10.9	12.3	12.5	11.6

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Q MARK & CE Marking
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Standard panel markings

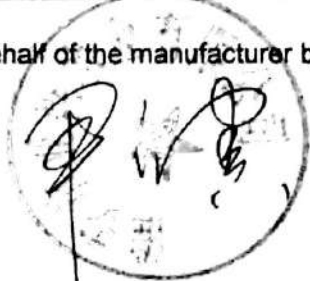
Product Types		9mm	12mm	18mm	25mm
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CE

1224-CPR-0222
Huaian Arser Wood Co. Ltd
No. 10 Yanhuang Road
West Industrial Zone
Lianshui, Jiangsu
China
15
EN13986:2004
EN636-3 S
E1
D-s2,d0
XXmm
600kg/m²

Signed for and on behalf of the manufacturer by:

Yun Gui Yin



03/01/2015