Declaration Of Performance

Producer / Manufacturer:

Company: Welley Timber Industries Sdn. Bhd. (726389-M)

Address : Plot A26, Lorong Bakau, Kawasan Perusahaan Perabot Sungai Baong
14200 Sungai Bakap, S.P.S., Pulau Pinang, Malaysia

Date : 22-12-2020

Product Type:

Marine Plywood 6mm,9mm,12mm,18mm,25mm

Size:

2440x1220

Declare of Performance

Nominal Thickness		6mm	9mm	12mm	18mm	25mm	Harmonised Technical Specification
Number of Plies		5	5	7	11	13	
Charateristic Bending Strength N/mm^2	Long Grain, fm	77.195	93.765	65.946	72.051	37.070	BS EN 310:1993
	Short Grain, fm	136.460	73.344	68.651	69.029	52.053	
Charateristic Bending Stiffness N/mm^2	Long Grain, Em	16,714.000	15,749.833	9,783.817	11,595.833	5,924.717	BS EN 310:1993
	Short Grain, Em	26,095.167	11,792.167	8,921.317	10016.117	10920.500	
Charateristic Shear Strength N/mm^2	f_v	2.716	0.848	1.695	2.073	1.241	BS EN 314-1:2004 Pretreatment 5.1.1
	Apparent Wood Failure	41%	43%	74%	61%	57%	
	f_v	2.669	0.842	1.661	1.800	1.223	BS EN 314-1:2004 Pretreatment 5.1.4
	Apparent Wood Failure	31%	43%	59%	44.25%	48%	
Density, kg/m^3		675.318	573.973	547.251	566.191	647.598	BS EN 323:1993
Moisture, %		8.28	8.4%	8.8%	8.6%	8.1%	BS EN 322:1993
Glue Type		WBP 100% phenol					BS EN 1088-1:2003 4.1.2
Surface Finishing		Sanded 2 sides grid					-
Length/Width Tolerance, mm		+-3.5mm					BS 1088-1:2003 5.1
Squareness		+-1.0mm					BS 1088-1:2003 5.1
Straightness		+-1.0mm					BS 1088-1:2003 5.1
Formaldehyde emission		E1 or CARB P2					ASTM D5582
Reaction to Fire		D-s2, d0					BS EN 13986:2004 5.8
Water Vapour Permeability		Wet cup 70, Dry cup 200					BS EN 13986:2004 5.9

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

For and on behalf of Welley Timber Industries Sdn Bhd

Signature : Azlinda Abdullah Position: QA Executive Date: 22/12/2020