

**CUSTOMWOOD  
SPECIFICATIONS FOR CARB COMPLIANCE PRODUCTS**

11/17/2015  
DAIKEN CORPORATION

		Super Ultra Light		Feather Light		Pinnable	
2 Production Lines: 1) 4' x 24' press, 2) Continuous press		L1	L2	L1	L2	L1	L2
Thickness Range	mm	15-30	9-12	15-30	9-12	15-30	9-12
Ditto	inch	5/8"-1-1/5"	3/8"-1/2"	5/8"-1-1/5"	3/8"-1/2"	5/8"-1-1/5"	3/8"-1/2"
Nominal Density Aim	Kg/m3	450		400		350	
	lb/ft3	28.08		24.96		21.84	
Density tolerance	Kg/m3	± 50		± 50		± 50	
	lb/ft3	± 3.12		± 3.12		± 3.12	
Panel Moisture, Range	%od	7.5 ± 2		7.5 ± 2		7.5 ± 2	
Bending strength MOR, Aim/Min	MPa	20 / 15	20 / 15	15 / 10	15 / 10	10 / 5	8 / 4
	psi	2901/2176	2901/2176	2176/1450	2176/1450	1450/725	1450/725
Internal Bond IB, Aim/Min	MPa	0.32/0.25	0.50/0.45	0.30/0.22	0.40/0.20	0.20/0.10	0.20/0.10
	psi	46/36	73/65	44/32	58/29	29/15	29/15
Thickness swell 24/20, Aim/Max	%	9 / 12 (1)	15 / 20 (2)	10 / 13 (1)	17 / 21 (2)	12 / 15 (1)	19 / 22 (2)
JIS Wood Screw pull face, Aim / Min	N	250/200	NA	200/150	NA	150 / 100	NA
CARB P2 (Chamber Test)	ppm	≤ 0.11		≤ 0.11		≤ 0.11	
	Carb P2	Yes	Yes	Yes	Yes	Yes	Yes
FSC Certificate		Yes	Yes	Yes	Yes	Yes	Yes
ASTM-E84 Fire test Certified		Not tested		Not tested		CLASS-B	
NA-28 Noise Reduction Coefficient (NRC)		Not tested		Not tested		0.30	
Remarks in usage		Not recommended for low pressure laminate.		Not recommended for low pressure laminate.		Not recommended for low pressure laminate.	

**Notes**

(1) Based on 18 mm, (2) Based on 9 mm, (3) based on 4.75 \*Above figure is based on actual test result and not guaranteed.

(4) Aim density for 24 and 25 mm is 675 kg/m3 (42lb/ft3)

High density board on demand is available in Line 2 item up to 850kg/m3(53lb/ft3)

Customwood is distributed by Richwood Industries, Inc.