Plywood Division



Old Lydenburg Road

Private Bag X501

SABIE 1260

DECLARATION OF PERFORMANCE

1. Identification code of the product type:

Structural and Non-Structural Pine Plywood

2. Intended use or uses of the construction product:

For internal use as a structural component in dry conditions, EN 636-1

For protected use external use as a structural component in humid conditions, EN 636-2

For use in exterior conditions including exposure to liquid water or water vapour in damp but ventilated locations exposed to weathering and liquid water over sustained periods of time, EN 636-3.

3. Name, registered trade name or registered trade mark and contact address of the manufacturer:

York Timbers PTY (LTD), Plywood Division, Private bag X 501, Sabie 1260, South Africa

4. System or systems of assessment and verification of consistency of performance of the construction product:

AVCP system 2+

5. In case of the declaration of performance concerning a construction product covered by a harmonized standard EN 13986:2004 + A1: 2015

Notified factory production control certification body B.S.I. under certificate No.0086 performed the initial inspection of the manufacturing plant and a factory production control and continuous surveillance, assessment and evaluation of factory production and issued the certificate of conformity of the factory production control 0086-CPD 487990

SABS (South African Bureau of Standards has performed initial type testing of Reaction to Fire performance).

University of Pretoria has conducted type testing on 18 and 21mm Structural plywood.

TP (Timber Products) U.S.A. has conducted initial type testing of 9mm, 12mm 15mm and 18mm plywood panels.

Declared Performance

a General

Essential Charateristics Declared Performance Technical Specification

Bond Quality Class 3 (phenolic) EN 314-2

Biological Durability Use Class 1 and Class 2 EN335/CEN/TS 1099

Mean Density > 400 kg/m3 EN323

EN 13986 Annex B Note

Release of formaldehyde E1 2

Content of

Pentachlorophenol <5 ppm EN 13986 Part 5.18

9mm - Pan	9mm - Panel Thickness and Density																	
Panel Nr	Measurement Location							Thickness			Length Width		Width		Weight			
	1	mm	2	mm	3	mm	4	mm	Average(in.)	mm		mm		mm		kg		kg/m3
Min	0.351	8.9154	0.353	8.9662	0.346	8.7884	0.353	8.9662	0.353	8.9662	96.125	2441.575	48.063	1220.8	34	15.31213	36.0	576.72
Max	0.354	8.9916	0.361	9.1694	0.353	8.9662	0.368	9.3472	0.358	9.0932	96.125	2441.575	48.063	1220.8	40	18.01427	42.2	676.044
Avg	0.353	8.9662	0.358	9.0932	0.351	8.9154	0.357	9.0678	0.355	9.017	96.125	2441.575	48.063	1220.8	38	17.11355	39.5	632.79
Stdev	0.001		0.002		0.002		0.004		0.001		0		0		1.931		2	
COV	0%		1%		1%		1%		0%		0%		0%		5%		5%	

12mm - Panel Thickness and Density																		
	Measurement Location								Thickness				Width	/idth Weigh			Density	
	1		2	mm	3	mm	4	mm	Average(in.)	mm		mm		mm				
Min	0.472	11.9888	0.471	11.9634	0.459	11.6586	0.474	12.0396	0.47	11.938	96.125	2441.575	48.063	1220.8	42	18.91498	33.0	528.66
Max	0.475	12.065	0.479	12.1666	0.479	12.1666	0.479	12.1666	0.477	12.1158	96.125	2441.575	48.063	1220.8	46	20.71641	36.0	576.72
Avg	0.473	12.0142	0.476	12.0904	0.471	11.9634	0.477	12.1158	0.474	12.0396	96.125	2441.575	48.063	1220.8	45	20.26605	35.5	568.71
Stdev	0.001		0.002		0.005		0.002		0.002		96.125		48.063		1.348		1.1	
COV	0%		0%		1%		0%		0%		0%		0%		3%		3%	

15mm - Panel Thickness and Density														
Panel Nr						<u>Length</u>				Weight		Density	D	
	<u>mm</u>	mm	<u>mm</u>	<u>mm</u>	<u>mm</u>		mm		<u>mm</u>				Density	
Min	17.653	17.7292	17.3482	17.6784	17.653		2441.575	48.063	1220.8		27.92211		531.864	
Max	17.7292	17.9578	17.8562	17.8562	17.8054		2441.575	48.063	1220.8		30.62425		586.332	
Avg	17.7038	17.8054	17.653	17.7546	17.7292		2441.575	48.063	1220.8		29.72354		563.904	
15mm - Planar Sh	15mm - Planar Shear 15mm - Shear Through The Thickness													
Test Nr Panel I Min Max Avg	Nr Width	mm 152.4 152.4 152.4	<u>Length</u>	mm 457.2 457.2 457.2	Thickness 15.1 15.5 15.4	4095 6819 5355			Panel Nr Min Max Avg	<u>Width</u>	mm 406.4 406.4	<u>Length</u>	mm 1 609.6 609.6	15.2 2468 15.5 2910 15.4 2863

18mm - Panel Thickness and Density															
									Length Width			Weight		Density	
									_						
0.698	17.7292	0.683	17.3482	0.696	17.6784	0.695	17.653	96.125	2441.575	48.063	1220.8	62	27.92211	33.2	531.864
0.707	17.9578	0.703	17.8562	0.703	17.8562	0.701	17.8054	96.125	2441.575	48.063	1220.8	68	30.62425	36.6	586.332
0.701	17.8054	0.695	17.653	0.699	17.7546	0.698	17.7292	96.125	2441.575	48.063	1220.8	66	29.72354	35.2	563.904
0.003		0.004		0.003		0.001		0		0		2.229		1.2	
0%		1%		0%		0%		0%		0%		3%		3%	
ments															
		2													
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		4													
	2 0.698 0.707 0.701 0.003	2 mm 0.698 17.7292 0.707 17.9578 0.701 17.8054 0.003 0%	0.698 17.7292 0.683 0.707 17.5578 0.703 0.701 17.8054 0.695 0.003 0.004 0% 1%	2 mm 3 mm 0.698 17.7292 0.683 17.3482 0.707 17.9578 0.703 17.8562 0.701 17.8054 0.695 17.653 0.003 0.004 0% 13% ments 2	2 mm 3 mm 4 0.698 17.7792 0.683 17.3482 0.696 0.707 17.9798 0.703 17.8562 0.703 0.701 17.8054 0.695 17.653 0.699 0.003 0.004 11% 0.004 ments 2	2 mm 3 mm 4 mm 0.698 17.7792 0.683 17.3482 0.696 17.6784 0.707 17.9578 0.703 17.8562 0.703 17.8562 0.703 17.8562 0.701 17.8054 0.695 17.653 0.699 17.7546 0.003 0.004 0.003 0% 0%	2 mm 3 mm 4 mm Average(in.) 0.698 17.7292 0.683 17.3482 0.696 17.6784 0.695 17.6784 0.695 0.695 17.8552 0.703 17.8562 0.701 17.8554 0.695 17.653 0.699 17.7546 0.698 0.001 0.003 0.001 0.003 0.001 0.00 0.00 0.004 0.003 0.001 0.00 <td>2 mm 3 mm 4 mm Average(in.) mm 0.698 17.7322 0.683 17.3482 0.696 17.6784 0.695 17.680 0.707 17.9578 0.703 17.8562 0.703 17.8562 0.703 17.8564 0.695 17.653 0.699 17.7546 0.698 17.7292 0.003 13.84 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.004 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.001 0.004 0.003 0.004 0.004 0.003 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.004<!--</td--><td>2 mm 3 mm 4 mm Average(in.) mm 0.698 17.7292 0.683 17.3482 0.696 17.6784 0.695 17.653 96.125 0.707 17.9788 0.703 17.8562 0.703 17.8562 0.701 17.8044 96.125 0.701 17.8054 0.695 17.653 0.699 17.7546 0.698 17.7292 96.125 0.003 0.004 0.004 0.003 0.001 0.001 0 0% 13% 0.004 0.0% 0.0% 0.0% 0.0% 0.0% 0.001 17.8054 0.695 0.695 0.695 0.699 0.695 0.001 0.00</td><td>2 mm 3 mm 4 mm Average(in.) mm mm 0.698 17.7592 0.683 17.3482 0.696 17.6784 0.695 17.653 96.125 2441.575 0.707 17.9578 0.703 17.8562 0.703 17.8562 0.701 17.8054 0.695 17.653 0.699 17.7546 0.698 17.7292 96.125 2441.575 0.003 0.004 0.003 0.001 0 <</td><td>2 mm 3 mm 4 mm Average(in.) mm 5 mm - 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The performance of the product identified above in in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) NO 305/2011, under sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Jaco Potgieter

Quality Officer

South Africa, February 2020