Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N. 43 006 014 106 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O. Box 240, North Melbourne, Victoria 3051

AWTA PRODUCT TESTING

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

PO BOX 51	AUCKLAND	LIMITED		TEST NU ISSUE I PRINT I		594662-CO /11/2013 /11/2013	
SAMPLE DESCRIPTION	Clients Ref: Laminate face Colour: White Nominal Compo	ed plywood	e Rea	n, high press	sure laminat	e	
ISO 5660.1-2002	and Mass Los	Fire Tests - ss Rate : Release Rat	********	21212121	122222222		
RESULTS:-							HEARING
Average Heat Relea	1	Specimen 2	3	Mean	Rettle		SHARE!
Rate at 50kW/m2	89.6	90.5	84.7	88.3	kW/m2		G L L L L
Group Number Class Verification Metho			rith New Ze	aland Buildi	ing Code		
Average Specific E	xtinction Area 27.8	a (According 26.9	to ISO 566 15.5	50.2-2002) 23.4	m2/kg		
Test orientation:	Horizontal	Speci	men				a that
	1.	2	3	Mean	123333335	\$\$\$\$\$\$35563	2503333333
Irradiance	50	50	50	50	kW/m2	6359696469	2555212175
Exhaust flow rate Time to sustained		24 59	24 56	24 58	l/s s	ELEVENTE	- Contraction
Test duration	1858	1859	1856	1858	S	1211121231	ALL BARRY
Heat release rate report	curve on the	9 attached s	heets whic	ch form part	of this	1115856355	
Peak heat release after ignition	276.0	277.0	224.3	259.1	kW/m2	115-1125-57	
Average heat at 60		90.3	117.9	102.9	kW/m2	1111111111	1945555555
Release rate at 18		120.9	118.7	119.2	kW/m2	CSE PESSER	101111111
After ignition at Total heat release		121.4 163.4	117.4 152.9	118.8 159.6	kW/m2 MJ/m2	CLIPPLE NET	111111111111
Average effective		105.4	132.9	135.0	10 / 112	0203395163	122242515
of combustion	12.1	12.1	11.5	11.9	MJ/kg	1121151621	121112112
		E States					Ser lite
	REAL PROPERTY OF		Elittle	it and the fi		RELEASE	
							ALL DES
	REALERS		8360	SP61152	HARA		
HARE SHE		SER R		SHEER E		HERE HE	REFER
	Service inte	Later Frank		Ficharts	Part sta	Se listent	
		A MERSENSE		No. No.			SEESSER
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AWTA PRODUCT TESTING

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TEST REPORT

NEW ZEALAND	NATIONAL LIM KLAND			TEST NUM ISSUE DA PRINT DA	TE : 15/11/2013	「「「「「「」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」
Initial thickness Initial mass Mass remaining Mass percentage	18.0 143.1 33.5	18.0 143.3 32.2	18.0 142.9 33.5	18.0 143.1 33.1	mm g g	Constant and a second
pyrolysed Mass loss	76.6 109.6	77.5 111.1	76.6 109.4	76.9 110.0	a *	and a second
Average rate of mass loss	7.4	7.5	7.4	7.4	g/m2.s	Hand I
Note	: All calcul	ations are	based on ig	nition +30 r	ninutes	A CANADA
Tests were conducted with the test of						2000
Observations: "These test results re conditions of the test the assessment of perfo	, they are n	ot intended	to be the	sole cirter:		Contraction of the second
"These test results re conditions of the test	, they are n	ot intended	to be the	sole cirter:		A TANK A
"These test results re	, they are n	ot intended	to be the	sole cirter:		The first of the standard of the standard stan
"These test results re conditions of the test	, they are n	ot intended	to be the	sole cirter:		AN ALCONDUCTOR AND ALCONDUCTOR AND AND AND ALCONDUCTOR
"These test results re conditions of the test	, they are n	ot intended	to be the	sole cirter:		

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MAN APPROVED SIGNATORY

HAEL A. JACKSON B.Sc.(Hons)

0204/11/06

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N. 43 006 014 106 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031

AWTA PRODUCT TESTING

P.O. Box 240, North Melbourne, Victoria 3051

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

PO BOX 51-	AUCKLAND	IMITED		TEST NU ISSUE I PRINT I		94658-CO 11/2013 11/2013	
SAMPLE DESCRIPTION	Clients Ref: Laminate face Colour: White Nominal Compo	ed plywood e		, high pres:	sure laminate	e	
AS/NZS 3837:1998	Method of Tes for Materials Consumption C	s and Produc	cts Using an		3		
Results:-	1-11111		1212566235		SE STREET	244 ALLE	128352383
Calassi reactor	1	Specimer 2	n 3	Mean	CE SE SE SE	5252535	ie ice je si
Average Heat Releas Rate	the second se	60.8	3 54.3	Mean 58.6	kW/m2		
Average Specific extinction area (according to Spec:	19.5 ification Cl.1	19.2 10 of the Bu	9.8 uilding Code	16.1 of Australi	m2/kg ia)		
Test orientation: H	Horizontal		1111111111	Sector Sector	12516252	Selection of	
Irradiance Exhaust flow rate Time to sustained f Test duration	1 50 24 flaming 58 3600	Specimer 2 50 24 59 3600	n 50 24 56 3600	Mean 50 24 58 3600	kW/m2 l/s s s		
Heat release rate of report Peak heat release after ignition Average heat at 60s Release rate at 180 After ignition at 1 Total heat released Average effective h	276.0 0s 100.5 00s 118.1 300s 117.5 ed 215.5 heat	277.0 90.3 120.9 121.4 215.7	224.3 117.9 118.7 117.4 192.7	259.1 102.9 119.2 118.8 208.0	kW/m2 kW/m2 kW/m2 kW/m2 MJ/m2		
of combustion	14.8	14.5	13.3	14.2	MJ∕kg		
204231 1 C DAustralian Wool Testing Authority Ltd Copyright - All Rights Reserved	NATA -Che	hemical Testing of Te	redited by the National Textiles & Related Prod	ducts :	ng Authorities, Australia Accreditation No.	a, for: 983	<u>~~</u>
	-Mer -Hea identifying descri warranty, implied sample or sample	echanical Testing of eat & Temperature N is issued in accord riptions have been p d or otherwise, as to th les tested. This documer ltered. This documer iding the content and	f Textiles & Related Pro	roducts : ccreditation requirem t unless otherwise sta I samples. The above t oduced except in full a Product Testing and	nents. Samples, and ated. AWTA Ltd make test results relate only f and shall be rendered v AWTA Ltd may be us	es no to the void if sed in	
				M	/	Mar	

0204/11/06

APPROVED SIGNATORY

SADY

MICHAEL A. JACKSON B.Sc.(Hons)

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AWTA PRODUCT TESTING

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

PO BOX 51-603 PAKURANGA AUC NEW ZEALAND		MITED		ISSUE	DATE : 15	594658-CO /11/2013 /11/2013	
Initial thickness Initial mass Mass remaining Mass percentage	18.0 143.1 23.7	18.0 143.3 21.3	18.0 142.9 24.3	18.0 143.1 23.1	mm g g		
pyrolysed Mass loss	83.4 119.4	85.1 122.0	83.0 118.6	83.9 120.0	8 g		
Average rate of mass loss	4.1	4.2	4.1	4.1	g/m2.s		Seree !!
Tests were conducted This was done to cont	tain intumes	cing samp	le within th	ne sample h	older		
These test results rel conditions of the test the assessment of perf	t, they are n	not intend	ded to be th	ne sole cri			
conditions of the test	t, they are n	not intend	ded to be th	ne sole cri			
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conditions of the test the assessment of perf	t, they are no formance unde	not intend er real f: aboratory is accrr ical Testing of T	ded to be th ire condition (ENI edited by the Nationa extiles & Related Pro Textiles & Related Pro	D OF REPORT	terion for	1111111	
204231 1	t, they are a formance under This La -Chem -Chem -Mech -Heat -He -Heat -	not intend er real f: aboratory is accrr incal Testing of Tr anical Testing of Tr anical Testing of the anical	ded to be th ire condition ded to be th ire condition (ENI edited by the Nationa extiles & Related Pro- Textiles & Related Pro- Textiles & Related Pro- Measurement Jance with NATA's a provided by the clier he source of the tester ment shall not be repn int, the names AWTA	D OF REPORT Association of Tess ducts :: roducts :: raccreditation requirant t unless otherwise d samples. The above roduced except in fu Product Testing at) PA ting Authorities, Austra Accreditation No.	alia, for: 983 985 1356 Id their kes no y to the d void if used in	