

AWTA PRODUCT TESTING

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

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

TEST REPORT

CLIENT : FRAS LONGWALL PTY LTD
58 RENWICK STREET
GLEN IRIS VIC 3146

TEST NUMBER : 7-586677-CV
ISSUE DATE : 22/08/2012
PRINT DATE : 20/11/2012

SAMPLE DESCRIPTION Clients Ref: "Melafoam Acoustics Panel"
Nominal Composition: 100% Melamine foam
Density: 4-12 kg/m³
End Use: Acoustic Panelling

AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates
for Materials and Products Using an Oxygen
Consumption Calorimeter

Results:-

	1	Specimen 2	3	Mean	
Average Heat Release Rate	fti	fti	fti	fti	kW/m ²
Average Specific extinction area (according to Specification C1.10 of the Building Code of Australia)	478.1	492.0	640.0	537.0	m ² /kg

Test orientation: Horizontal

	1	Specimen 2	3	Mean	
Irradiance	50	50	50	50	kW/m ²
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	fti	fti	fti	fti	s
Test duration	600	600	600	600	s
Initial thickness	40.0	40.0	40.0	40.0	mm
Initial mass	3.7	3.8	4.4	4.0	g
Mass remaining	1.7	1.5	2.2	1.8	g
Mass percentage pyrolysed	54.1	60.5	50.0	54.9	%
Mass loss	2.0	2.3	2.2	2.2	g
Average rate of mass loss	0.4	0.5	0.5	0.5	g/m ² .s

195986

1

CONTINUED NEXT PAGE

PAGE 1

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:
-Chemical Testing of Textiles & Related Products : Accreditation No. 983
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
-Heat & Temperature Measurement : Accreditation No. 1356

This document is issued in accordance with NATA's accreditation requirements. Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved in advance by the Managing Director of AWTA Ltd.



APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

AWTA PRODUCT TESTING

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

TEST REPORT

CLIENT : FRAS LONGWALL PTY LTD
58 RENWICK STREET
GLEN IRIS VIC 3146

TEST NUMBER : 7-586677-CV
ISSUE DATE : 22/08/2012
PRINT DATE : 20/11/2012

fti = failed to ignite
Specimens tested failed to ignite within 10 minutes and testing was ceased
as per section 2.5.2(i)

Tests were conducted with a wire grid placed over the sample during testing
This was done to contain intumescent sample within the sample holder

The results of these fire tests may be used to directly assess fire hazard,
but it should be recognised that a single test method will not provide a
full assessment of fire hazard under all fire conditions

The results reported herein shall not be used to derive a Group Number in
accordance with the NCC without undertaking validation of the performance
that is predicted

195986

1

(END OF REPORT)

PAGE 2

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved

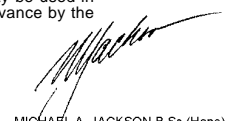


This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:
-Chemical Testing of Textiles & Related Products : Accreditation No. 983
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
-Heat & Temperature Measurement : Accreditation No. 1356

This document is issued in accordance with NATA's accreditation requirements. Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved in advance by the Managing Director of AWTA Ltd.




APPROVED SIGNATORY


MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR