

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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TEST REPORT

CLIENT : MODWOOD TECHNOLOGIES
65 LEAKES ROAD
LAVERTON VIC 3028

TEST NUMBER : 7-586163-CV
ISSUE DATE : 23/07/2012
PRINT DATE : 24/07/2012

SAMPLE DESCRIPTION Clients Ref: "ModWood FLAMEShield"
Decking board
Colour: Sahara
Approximate Thickness: 23mm
Approximate Weight: 6907 grams (per specimen)
End Use: Decking

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:
Nominal Composition: Wood/Polyethylene

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame
Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

Date tested: 19/7/2012

	Mean		Standard Error
Ignition time	7.06	min	0.32
Flame propagation time	111.3	s	5.7
Heat release integral	104.3	kJ/m ²	8.2
Smoke release, log d	-1.0452		0.1032
Optical density, d	0.1074	/m	

Number of specimens ignited: 9

Number of specimens tested: 9

REGULATORY INDICES: Ignitability Index 13 Range 0-20
Spread of Flame Index 5 Range 0-10
Heat Evolved Index 4 Range 0-10
Smoke Developed Index 4 Range 0-10

Comments:

These results only apply to the specimen mounted, as described in this report.

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

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-Chemical Testing of Textiles & Related Products : Accreditation No. 983
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
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MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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Each test specimen was clamped along all sides.

Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.

Inconsistent flame spread behaviour was observed. Only eight of the nine specimens registered flame spread.

The Spread of Flame Index quoted above is based on these eight specimens.

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(END OF REPORT)

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