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 : THE LAMINEX GROUP
PO BOX 720
WENDOUREE VIC 3355

TEST NUMBER : 7-589778-CV
ISSUE DATE : 15/03/2013
PRINT DATE : 15/03/2013
ORDER NUMBER : 1863

SAMPLE DESCRIPTION Clients Ref: "Sample 13001 Laminex Finished Designed Timber Veneer HPL"
Multilaminar wood venner
Colour: Timber
End use: Laminate

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

Material Specification provided by client:
Nominal composition: Kraft paper and resin compressed into a flat sheet with a decorative wood veneer surface prefinished with a polyurethane coating
Nominal density: 1420kg/m2
Nominal thickness: 1mm

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

RESULTS: Face tested: Face

Date tested: 14/03/2013

	Mean		Standard Error
Ignition time	4.07	min	0.35
Flame propagation time	21.2	s	8.1
Heat release integral	206.2	kJ/m2	12.1
Smoke release, log d	-0.9407		0.0159
Optical density, d	0.1149	/m	

For 4 samples which ignited -
Smoke release (log d) Mean: -1.2072
Standard Error: 0.0589

For 4 samples which did not ignite -
Smoke release (log d) Mean: -0.9407
Standard Error: 0.0159

Number of specimens tested: 8

REGULATORY INDICES:

Ignitability Index	16	Range 0-20
Spread of Flame Index	9	Range 0-10
Heat Evolved Index	8	Range 0-10
Smoke Developed Index	4	Range 0-10

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

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

APPROVED SIGNATORY

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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.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and the assembly clamped in four places.

The specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

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

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

8 specimens tested due to insufficient sample supplied

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