

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 : Ekologix Australia Pty Ltd
Unit 1, 20-26 Sabre Drive
Port Melbourne VIC 3207

Test Number : 16-006170
Issue Date : 02/12/2016
Print Date : 2/12/2016

Sample Description Clients Ref : "Ekodeck"
Decking boards
Colour : Brown
End Use : Decking
Nominal Composition : 48% Recycled HDPE ,45% Bamboo & Reclaimed Timber, 7% UV Stabilizers & Anti Mould agents and Binding Agents & Colour
Nominal Thickness : 1300kg/m3

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested:	Face		
Date tested:	02/12/2016		
	Standard Error	Mean	
Ignition time	0.35	7.10	min
Flame propagation time	8.0	111.4	sec
Heat release integral	5.5	110.5	kJ/m ²
Smoke release, log d	0.0768	-1.2488	
Optical density, d		0.0613	/ metre
Number of specimens ignited:		6	
Number of specimens tested:		6	
Regulatory Indices:			
Ignitability Index		13	Range 0-20
Spread of Flame Index		5	Range 0-10
Heat Evolved Index		4	Range 0-10

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- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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Smoke Developed Index

3 Range 0-10

These results only apply to the specimen mounted, as described in this report. The result of this fire test 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.

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

Each test specimen was clamped along all sides.

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0204/11/06

APPROVED SIGNATORY

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