

Certificate of Test

NE5798

REPORT No.: FNE9335

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AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: Deklite Black EPDM

SPONSOR: Deks Industries Pty Ltd
841 Mountain Highway
BAYSWATER VIC
AUSTRALIA

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as extruded single layered moulded EPDM:

Nominal total mass: 3.6 kg/m²
Total thickness: 2.9 mm
Colour: Black

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was clamped to the specimen holder in four places.

OBSERVATION: Some flashing occurred on the specimens before ignition.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	4.0	0.2
Flame Spread Time (s)	14.5	1.2
Heat Release Integral (kJ/m ²)	700.0	19.8
Smoke Release (log ₁₀ D)	-0.147	0.011

For regulatory purposes these figures correspond to the following indices:

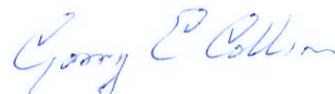
Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
16	9	10	7

The results 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.

DATE OF TEST: 17 February 2009
Issued on the 5th day of March 2009 without alterations or additions.


for

Russell Collins
Testing Officer



Garry E Collins
Manager, Fire Testing and Assessments



This document is issued in accordance with NATA's accreditation requirements.



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