

Certificate of Test

DQ63NE3300

REPORT NO. FNE7836

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SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: CD 2000 Ceiling Diffuser

SPONSOR: Westaflex Australia Pty. Ltd.
140-152 Bamfield Road
WEST HEIDELBERG VIC
AUSTRALIA

DESCRIPTION OF TEST SPECIMEN:

The sponsor described the specimen as a square ceiling diffuser made of ABS plastic with flame retardant added.

Nominal total thickness: 3 mm
Colour: white

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 1530, Method for fire tests on building materials, components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was held between two layers of square mesh having 0.8 mm dia. wires at approximately 13 mm centres over each face, and was clamped to the specimen holder in four places.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	5.8	0.2
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	11.2	1.0
Smoke Release (log ₁₀ D)	-0.711	0.128

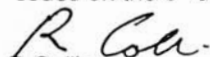
For regulatory purposes these figures correspond to the following indices:

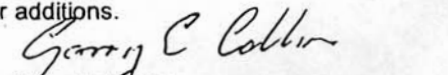
Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
14	0	0	5

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.

DATES OF TEST: 15 September 2000

Issued on the 6th day of November 2000 without alterations or additions.


R Collins
Testing Officer


Garry E Collins
Manager Fire Testing and Assessments



Accreditation No. 3632

This laboratory is accredited by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



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13 Jolimyt Avenue, Roseville Corporate Park, North Ryde, NSW 1585 AUSTRALIA
Telephone: 61 2 9490 5555 Facsimile: 61 2 9490 5555