

# Certificate of Test

NE6027

REPORT No.: FNE9515

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

TRADE NAME: Blue Mountain Aluminium Gutter Mesh

SPONSOR: Rain Harvesting Pty. Ltd.  
28-34 Reginald Street  
ROCKLEA QLD  
AUSTRALIA

DESCRIPTION OF  
SAMPLE:

The sponsor described the tested specimen as expanded aluminium mesh having 4.0 mm square apertures. The mesh was finished with a paint coating.

Nominal wire thickness: 0.55 mm  
Nominal mass: 400 g/m<sup>2</sup>  
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.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	N/A	N/A
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m <sup>2</sup> )	N/A	N/A
Smoke Release (log <sub>10</sub> D)	-2.383	0.080

For regulatory purposes these figures correspond to the following indices:

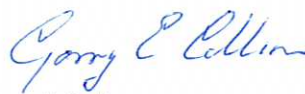
Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
0	0	0	0-1

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: 8 September 2009

Issued on the 28<sup>th</sup> day of September 2009 without alterations or additions.

  
Russell Collins  
Testing Officer

  
Garry E Collins  
Manager, Fire Testing and Assessments



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



**CSIRO Materials Science and Engineering**  
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA  
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555