

Certificate of Test

QUOTE No.: NE8174

REPORT No.: FNE12415

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

TRADE NAME: GGD2U Expanded Aluminium Gutter Mesh

SPONSOR: Gutter Guard Direct 2U
35/1470 Ferntree Gully Rd
KNOXFIELD VIC 3180
AUSTRALIA

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as a powder coated expanded aluminium mesh with an aperture size of 3-mm by 4-mm.

Nominal thickness: 1 mm - 0.25 mm
Nominal mass: 500 g/m² ± 10 g/m²
Colour: black

TEST PROCEDURE: Six samples were tested in accordance with AS/NZS 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 ²) | N/A | N/A |
| Smoke Release (log ₁₀ D) | -2.446 | 0.141 |

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: 2 July 2019

Issued on the 19th day of July 2019 without alterations or additions.



Shaw Tran
Testing Officer



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Team Leader, Fire Testing and Assessments

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