

Certificate of Test

QUOTE No.: NE8274

REPORT No.: FNE12481

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

TRADE NAME: GGD2U Premium Woven Ember Guard Aluminium 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 an expanded aluminium mesh with an aperture size of 2-mm by 2-mm. The aluminium mesh was powder coated with polyester on both sides.

Nominal thickness: 1 mm
Nominal mass: 500 g/m² ± 10 g/m²
Colour: green

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.

OBSERVATIONS: Although vapours from the specimen did not ignite under the standard test conditions, it was observed that direct flame contact with the specimen at the end of the test caused flames to spread across the specimen surface.

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)	-2.436	0.277

For regulatory purposes these figures correspond to the following indices:

Ignitability Index	Spread of Flame Index	Heat Evolved Index	Smoke Developed Index
(0-20)	(0-10)	(0-10)	(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: 23 October 2019

Issued on the 1st day of November 2019 without alterations or additions.



Shaw Tran
Testing Officer



Stephen Smith
Team Leader, Reaction to Fire

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