

Certificate of Test

QUOTE No.: NE8421

REPORT No.: FNE12620A

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

TRADE NAME: GGD2U Premium Stainless-Steel Mesh SS316

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

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as a powder coated woven stainless-steel mesh with an aperture size of 1.8-mm by 1.8-mm. The mesh comprised 316 stainless steel with polyester powder coating applied at an application rate of 0.05 to 0.055-kg/m².

Nominal thickness: 0.5 mm
Nominal mass: 0.85 kg/m² ± 0.01 kg/m²
Colour: dark grey

TEST PROCEDURE: Six (6) 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)	-1.537	0.100

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	2

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: 6 August 2020

Issued on the 28th day of September 2020 without alterations or additions. This certificate supersedes report no. FNE12620 issued on 14th September 2020.



Stephen Smith
Team leader, Reaction to Fire



Brett Roddy
Group Leader, Fire Testing and Assessments

End of Report

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