

Certificate of Test

NE6704

REPORT No.: FNE10683

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

TRADE NAME: Standard Duct Sealant (applied on galvanised steel substrate)

SPONSOR: Valiant Environmental Compounds Pty Ltd
Suite 2, No. 6 Faraday Road
PADSTOW NSW
AUSTRALIA

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a grey-coloured sealant applied onto 0.8-mm thick galvanised steel sheet (Group 4). The sealant was applied onto the steel substrate at an application rate of 4 m²/L.

Nominal thickness of substrate: 0.80 mm
Nominal density of sealant: 1500 kg/m³
Nominal total mass: 6.6 kg/m²
Colour: grey (sealant)

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 ²)	N/A	N/A
Smoke Release (log ₁₀ D)	-1.415	0.029

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	3


The specimen was tested on a **Group 4** substrate material as specified by Clause 4.4.3 of AS 1530.3-1999. These results only apply to any substrate in the same group or a less reactive material.

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: 26 October 2012

Issued on the 31st day of October 2012 without alterations or additions.


Heherson Alarde
Testing Officer


Garry E Collins
Manager, Fire Testing and Assessments



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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