

Certificate of Test

Quote No.: NE3066

REPORT No.: FNE 7715

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

TRADE NAME: FIREFREE Ff88
SPONSOR: Firefree Coatings, Inc.
580 Irwin Street, Suite 1
San Rafael, CA USA

DESCRIPTION OF SAMPLE: The sponsor described the specimen as an intumescent paint applied in two coats. The paint was applied to an 11 mm thick plywood sheet (Group 1).
Nominal thickness: 500 μm
Colour: white

TEST PROCEDURE: Nine samples were tested in accordance with Australian Standard 1530, Method for fire tests on building materials, 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)	19.2	0.1	
Flame Spread Time (s)	N/A	N/A	
Heat Release Integral (kJ/m^2)	17.1	5.5	
Smoke Release ($\log_{10}D$)	Ignition	-1.154	0.040
	NON-Ignition	-1.152	0.064

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)
1	0	0	4

The specimen was tested on a **Group 1** substrate material as specified by Clause 4.4.3 of AS1530.3-1999. 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: 14 March 2000

Issued on the 10th day of March 2016 without alterations or additions. This Certificate supersedes FNE 7715 issued on 17 March 2000.



Heherson Alarde
Testing Officer



Brett Roddy
Team Leader, Fire Testing and Assessments

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