



CERTIFICATE

Material Fire Test Certificate

IGNL-2113-03-01 I01R01

Date of Test 15 January 2019
ISSUED 09 February 2019
EXPIRY 08 February 2023

Sample Identification

Panespol Polymer Panel FV

Product Description

The sponsor described the tested specimen as a polymer based panel for wall decoration that emulates all type of materials. A nominal thickness of 3mm to 7mm for use as wall cladding.

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. A woven metal radiant panel was used in lieu of ceramic tiles.

Observations

Six specimens were tested, as required by Clause 2.8 of AS/NZS 1530.3:1999. The six specimens presented equivalent results.

Test Results

The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	11.64	0.24
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	31.07	3.74
Smoke Release ($log_{10}D$)	-1.24	0.11

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)
8	0	1	3

Notes


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.

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

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