

Certificate of Test

CZ52 NE3023

REPORT NO. FNE7671

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SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: MAX EXTERIOR Type F NT finish

SPONSOR: Isovolta AG
A-2355 Wiener Neudorf
AUSTRIA

DESCRIPTION OF TEST SPECIMEN:

The sponsor described the specimen as a high pressure laminate manufactured from phenolic and melamine resin impregnated cellulose fibre. The specimen contained a phosphate based fire retardant.

Nominal total thickness: 8 mm

Nominal density: 1450 Kg/m³

Colours: Red

TEST PROCEDURE:

Nine 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.

OBSERVATIONS:

Due to variable behaviour, nine samples were tested as required by clause 2.8 of AS 1530.3-1999. Some flashing occurred on the samples prior to ignition.

RESULTS:

The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	5.9	0.5
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	17.4	1.5
Smoke Release (log ₁₀ D)	-1.117	0.082

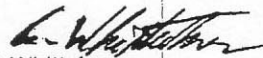
For regulatory purposes these figures correspond to the following indices:

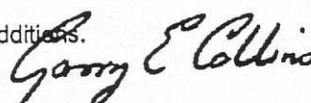
Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
14	0	0	4

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: 20 January 2000

Issued on the 31st day of January 2000 without alterations or additions.


G Whittaker
Testing Officer


Garry E Collins
Manager Fire Testing and Assessments



Accreditation No. 3632

This laboratory is accredited by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



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