

Quote No.: HF07ANE5575

REPORT No.: FNE8926

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

TRADE NAME: Staron Solid Surface

SPONSOR: Austaron Pty. Limited
Unit 17, 30 Heathcote Road
MOOREBANK NSW
AUSTRALIA

DESCRIPTION OF TEST SPECIMEN: The sponsor described the specimen as a homogeneous comprising bauxite and acrylic resin.
Nominal total thickness: 13 mm
Nominal total mass: ??? kg/m²
Colour: white

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.

OBSERVATION: Some flashing occurred on the specimen prior to ignition.

RESULTS: The following means and standard errors were obtained:

Parameter	Mean	Standard Error
Ignition Time (min)	9.0	0.3
Flame Spread Time (s)	N/A	N/A
Heat Release Integral (kJ/m ²)	58.9	4.3
Smoke Release (log ₁₀ D)	-2.227	0.078

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)
11	0	2	0-1

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: 2 July 2007
Issued on the 9th day of July 2007 without alterations or additions.

Russell Collins
Testing Officer

Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 3632) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.