Certificate of Test

Quote No.: NC7459   **REPORT No.: FNC11685**

COMBUSTIBILITY TEST FOR MATERIALS IN ACCORDANCE WITH AS 1530.1-1994

TRADE NAME: Alcadex A1-4mm Fireproof Aluminium Composite Panel with PVDF Coating

SPONSOR:

CSP-Architectural	SGI-Architectural
1029-1035 Ballarat Rd	Unit 31/ 5-7 Inglewood Place
Deer Park, VIC	Baulkham Hills, NSW
AUSTRALIA	AUSTRALIA

DESCRIPTION OF TEST SAMPLE: The sponsor described the tested specimen as a core material made of inorganic compounds comprising of calcium carbonate ($CaCO_3$), magnesium hydroxide ($Mg(OH)_2$) and aluminium hydroxide (($Al(OH)_3$), and 0.5% organic compounds.

Nominal thickness:	3 mm (50-mm for the test)
Nominal density:	955 kg/m³
Colour:	off white

TEST PROCEDURE: Five (5) samples were tested in accordance with Australian Standard 1530 Methods for fire tests on building materials, components and structures, Part 1- 1994: Combustibility Test for Materials.
An alternative suitable insulating material was used to fill the annular space between the furnace tubes, as specified in Clause 4.2 of ISO 1182:2010.
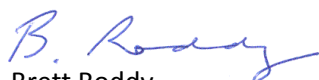
RESULTS:

Mean furnace thermocouple temperature rise... 2.8°C

Mean specimen centre thermocouple temperature rise ....2.4°C

Mean specimen surface thermocouple temperature rise......................... 1.8°C

Mean duration of sustained flaming...0 seconds

Mean mass loss... 41.8 %

DESIGNATION: The material is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

DATE OF TEST: 16 December 2015   TEST No.:   11569

Issued on the 11ᵗʰ day of April 2016 without alterations or additions.

Heherson Alarde
Testing Officer

Brett Roddy
Team Leader, Fire Testing and Assessments

NATA Accredited Laboratory
Number: 165
Corporate Site No 3625
Accredited for compliance with ISO/IEC 17025.

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