

Certificate of Assessment

Job No.: NK7883

No. 2471

"Copyright CSIRO 2017 ©"
Copying or alteration of this report
without written authorisation from CSIRO is forbidden.

This is to certify that the specimen described below was tested by the CSIRO Infrastructure Technologies in accordance with Australian/ New Zealand Standard 3837, Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter, 1998, at 50 kW/m², on behalf of:

Aliwood Pty Ltd
445-447 Goulburn Valley Highway
SHEPPARTON VIC 3630
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 12065.

SAMPLE

IDENTIFICATION: Aliwood Aluminium Extrusion

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as a powder coated hollow aluminium extrusion (slat). The coating is applied at an application rate of 5.76-m²/kg.

Nominal thickness of aluminium wall: 1.6 mm
Nominal thickness of powder coating: 75 µm
Nominal total thickness: 15 mm
Nominal mass: 1.11 kg/m²
Colours: dark brown (bushwood)

SAMPLE

CLASSIFICATION: Group Number: Group 1
(In accordance with A2.4 of the Building Code of Australia.) ^{1,2}

Average specific extinction area: 56.3 m²/kg
(Refer to Specification C1.10 section 4 of the Building Code of Australia.) ^{1,2}

Notes:

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.
2. As per Section 9 (n) of AS 5637.1:2015, the determination of the group number was based on the AS/NZS 3837:1998 test, and was deemed valid in the cone calorimeter for the assignment of National Construction Code (NCC) group number.

Testing Officer: Faustin Molina Date of Test: 16 November 2017

Issued on the 20th day of December 2017 without alterations or additions.



Brett Roddy
Team Leader, Fire Testing and Assessments



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

CSIRO INFRASTRUCTURE TECHNOLOGIES

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 www.csiro.au

