

Certificate of Assessment

Job No.: NK7888

No. 2462

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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:

Perma Composites Pty Ltd
14 Garino Rise
WANGARA WA 6065
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 12060.

SAMPLE

IDENTIFICATION: PermaTimber BAL Eco Cladding

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as a wood plastic composite (WPC) panel. The WPC panel is comprised of wood fibres, recycled high-density polyethylene (HDPE) and other materials.

Nominal wall thickness: 7 mm
Nominal total density: 800 kg/m³ to 1000 kg/m³
Colours: dark brown (teak)

SAMPLE

CLASSIFICATION: Group Number: Group 3
(In accordance with Specification A2.4 of the Building Code of Australia.)^{1,2}

Average specific extinction area: 479.5 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: 25 October 2017

Issued on the 3rd day of November 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.

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