

Certificate of Assessment

Job No.: NK7671

No. 2310

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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:

Richwise (Australia) Pty Ltd
Suite 19, 1253 Nepean Hwy
CHELTENHAM VIC 3192
AUSTRALIA

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNK 11765.

SAMPLE

IDENTIFICATION: Fire retardant birch plywood

DESCRIPTION OF SAMPLE:

The sponsor described the tested specimen as a 13-ply fire retardant treated plywood of Beech, Birch and Alder. The plies of wood veneer were adhered together using melamine, phenolic, and urea-formaldehyde resin adhesive. The specimen contained flame-retardant additives.

Nominal thickness of facing and backing plies: 0.75 mm
Nominal thickness of core plies: 1.5 mm
Nominal total thickness: 18 mm
Nominal density: 720 kg/m³ to 880 kg/m³
Colour: timber

SAMPLE

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

Average specific extinction area: 2.0 m²/kg
(Refer to Specification C1.10 section 4(c) 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: Heherson Alarde Date of Test: 22 August 2016

Issued on the 9th day of September 2016 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.

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