CERTIFICATE

Material Fire Test Certificate

IGNL-7055-07-02R I01 R01

DATE OF TEST	26.04.2023
ISSUE DATE	21.08.2023
EXPIRY DATE	20.08.2028

3RT White Gum

SPONSOR
3RT Technologies Pty Ltd
Suite 9 / 13 Corporate Drive
Heatherton, VIC 3202

TEST BODY
Ignis Labs Pty Ltd
ABN 36 620 256 617
3 Cooper Place
Queanbeyan NSW 2620
Australia
www.ignislabs.com.au
(02) 6111 2909
Test body is the test location

Introduction

Ignis Labs undertook a test of the 3RT White Gum. The testing was undertaken in accordance with AS/NZS 3837:1998. The group number was predicted in accordance with AS 5637.1:2015. This is a short form AS 5637.1:2015 report.

BCA requirements specify that the Group Number of a wall or ceiling lining shall be determined in accordance with AS 5637.1:2015. Clause 5.3.1 of AS 5637.1:2015 specifies that only materials for which there are correlations between AS/NZS 3837:1998 results and AS ISO 9705:2003 results shall be tested in accordance with AS/NZS 3837:1998 for the purpose of determining a Group Number. As such, Clause 5.3.3 of AS 5637.1:2015 specifies the suitable materials with permitted correlations, and it includes wood products.

Product Description

The sponsor described the specimens as 3RT engineered hardwood. It is composed of engineered hardwood and is light brown in colour. Its end use is as cladding and panelling.

The received specimens were hardwood panels. They had a measured nominal thickness of approximately 21.02 mm and a measured nominal density of 0.85 g/cm^3.

Ignis Labs was not responsible for the sampling stage. All specimens were sampled by the test sponsor. The test results apply to the specimens as received.

AS 5637.1 Group Number: 3 | ASEA 28.88 m^2/kg

Specimen

The test specimen has characteristics are listed below

Average specimen thickness:	21.02 mm
Average specimen pre-test mass:	179.52 g
Specimen colour:	Brown

Test Method

Three (3) were tested in accordance with the requirements of AS/NZS 3837. Prior to the test, the specimens were conditioned at an ambient temperature of 23 ±2 °C and a relative humidity 50 ±5 %. A retaining grid was applied.

Reference Documents

This certificate is based on the following documents:

- Ignis Labs Test Certificate IGNL-7055-07-02C I01R00 dated 17 August 2023.

Notes

. 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.

. 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.

. Clause A5.2(1)(e) of the BCA allows for evidence of suitability in relation to a report from a professional engineer that certifiers that a material, product, form or construction or design fulfils specific requirements of the BCA, sets out the basis on which it is given and the extent to which relevant standards, specifications, rules, codes of practice or other publications have been relied upon to demonstrate it fulfils specific requirements of the BCA.

. This report is provided in accordance with BCA Clause A5.2(1)(e) as a report from a professional engineer. In accordance with BCA Clause A5.2(1)(b) it is demonstrated that the material and testing demonstrates compliance with the requirements of the BCA in accordance with AS 5637.1:2015 in determining the group number.

IGNIS LABS PTY LTD ignis labs MATERIAL FIRE TESTING Certificate ABN 36 620 256 617

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