



CERTIFICATE

Material Fire Test Certificate

IGNL-7199-14C I01 R00

DATE OF TEST 16.10.2023
18.10.2023
ISSUE DATE 07.12.2023
EXPIRY DATE 06.12.2028

Saveboard Multi VSC 24 mm

SPONSOR

Saveboard
15 Production Avenue
Warragamba NSW 2752

TEST BODY

Ignis Labs Pty Ltd
ABN 36 620 256 617
3 Cooper Place
Queanbeyan NSW 2620
Australia
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Test body is the test location

Introduction

Ignis Labs undertook a test of the Saveboard Multi VSC 24 mm provided by Saveboard. 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 tested specimen as 24 mm Saveboard post-consumer with nominal composition of 40 % soft plastic, 50 % liquid paper board and 10% foils. The specimen has a nominal density of 950 kg/m³. The specimen is mixed package in colour and its end use is as plasterboard boarding retail low height walls. The received specimens consisted of two layers with each layer thickness of 12 mm. The specimens were multi-coloured. The specimens had a measured thickness of 26.11 mm and a measured density of 970 kg/m³. Ignis Labs was not responsible for the sampling stage. All specimens were sampled and fabricated by the test sponsor. The test results apply to the specimens as received.

AS 5637.1 Group Number: 3 | ASEA 38.17 m²/kg

Specimen

The test specimen has characteristics are listed below

Average specimen thickness:	26.04 mm
Average specimen pre-test mass:	251.48 g
Specimen colour:	Multi colour

Test Method

Six (6) specimens 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 %.

Reference Documents

This certificate is based on the following documents:

- Ignis Labs Test Certificate IGNL-7199-07C I01R00 dated 07 December 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 A5G3(1)(e) of the BCA allows for evidence of suitability in relation to a report from a professional engineer that certifies 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 A5G3(1)(e) as a report from a professional engineer. In accordance with BCA Clause A5G3(1)(b) it is demonstrated that the material and testing demonstrate compliance with the requirements of the BCA in accordance with AS 5637.1:2015 in determining the group number.



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MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)

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Disclaimer 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. The information contained in this document is provided for the sole use of the recipient and no reliance should be placed on the information by any other person. In the event that the information is disclosed or furnished to any other person, Ignis Labs Pty Ltd accepts no liability for any loss or damage incurred by that person whatsoever as a result of using the information.

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