

CERTIFICATE

Material Fire Test Certificate

IGNL-7227-14-05C I01 R00

DATE OF TEST 19.09.2023
ISSUE DATE 10.11.2023
EXPIRY DATE 09.11.2028

Organoid Natural Surfaces

SPONSOR

Austaron Surfaces
17/30 Heathcote Road
Moorebank, NSW 2170

TEST BODY

Ignis Labs Pty Ltd
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Australia
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Test body is the test location

Introduction

Ignis Labs undertook a test of a range of Organoid Natural Surfaces wall lining products provided by Austaron Surfaces. The variations that were tested included the 'Mous', 'Kefeeder', 'Wolla', 'Relax' and 'Wildspritze' materials in the Organoid range. In addition to this, indicative tests of a single specimen were conducted on the 'Skellettblatta' and 'Rosengarten' products. The Group Number and ASEA values given to the Organoid Natural Surfaces range listed below represent the highest values from all tests to provide a conservative assessment. 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 an organic wall surface. It is composed of various organic elements and its end use is as a wall lining.

The received specimens were a sheets of wall coverings with a flax or paper backing from which the test specimens were fabricated by Ignis Labs. The material was comprised of dried and pressed grasses, flowers and leaves. Being a thin material, it was tested on a fibre cement substrate.

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 31.77 m²/kg

Specimen

This AS 5637.1:2015 certificate applies to the following range of Organoid Natural Surfaces products:

- Alweisen
- Bergwiesen
- Wildspitze
- Rosengarten
- Skellettblatta
- Lawendl
- Kornblauama
- Blietenpracht
- Weinblata
- Hopfn

Test Method

For each test, six (6) or one (1) specimen(s) 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 over the face of the specimen.

Reference Documents

This certificate is based on the following documents:

- Ignis Labs Test Certificate IGNL-7227-07-01C I01R00 dated 06 November 2023.
- Ignis Labs Test Certificate IGNL-7227-07-02C I01R00 dated 06 November 2023.
- Ignis Labs Test Certificate IGNL-7227-07-03C I01R00 dated 06 November 2023.
- Ignis Labs Test Certificate IGNL-7227-07-04C I01R00 dated 06 November 2023.
- Ignis Labs Test Certificate IGNL-7227-07-05C I01R00 dated 06 November 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 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 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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