

CERTIFICATE

Material Fire Test Result Summary

IGNL-5002-06C I01 R01

DATE OF TEST 23.03.2021
 ISSUE DATE 07.06.2021
 EXPIRY DATE 06.06.2026

DecorLUX

SPONSOR
 Decor System Australia Pty Ltd
 6 Millennium Court
 Silverwater NSW 2128

TEST BODY
 Ignis Labs Pty Ltd
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 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 DecorLUX Acoustic Perforated Fibre Cement Sheet of Decor Systems Australia Pty Ltd. The testing was undertaken in accordance with AS ISO 9705:2003_R2016. The group number was predicted in accordance with AS 5637.1:2005. It is important to note that this is not a AS 5637.1:2005 report and should not be used as evidence of suitability in accordance with the National Construction Code Building Code of Australia (BCA) BCA requirements specify that the Group Number of a wall or ceiling lining shall be determined in accordance with AS 5637.1:2005. Clause 5.3.1 of AS 5637.1:2005 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 5637.1:2005 specifies the suitable materials with permitted correlations, and it includes solid timber and wood products.

Product Description

The sponsor describes the test specimen as acoustic perforated fibre cement sheet. The detail of the test specimen is described in the sponsor's webpage. The test specimen is a round-hole perforated fibre cement lining panel which is easily incorporated into a wide variety of wall and ceiling systems. When supplied with the optional DecorSorb Acoustic Backing, DecorLux provides a tough, durable lining with excellent acoustic properties. The holes on the fibre cement panels have a diameter of 29.91mm (measured). The distance between the holes is 19.97mm (measured). The distance from the top edge to the first hole is 84.97mm and the distance from the side edge to the first hole is 85.45mm. The total thickness of the DecorLUX panels is 6.35mm (measured). The thickness of backing vinyl sheet is 0.08mm (measured).

AS 5637.1 Group Numbered | $SMC_{ARC} < 100 (m^2s^{-2} \times 1000)$

Test Method

The test specimen was tested in accordance with AS ISO 9705:2003_R2016 Fire tests – Full-scale room test for surface products with the exception that heat flux at the floor was not measured.

Reference Documents

- This certificate is based on the following documents:
- Ignis Labs Test Report IGNL-5002-06R I01R00 dated 07 Mar 2021.



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