

# CERTIFICATE

## Material Fire Test Certificate

**IGNL-5253-06C I01R00**

DATE OF TEST 11.10.2021  
ISSUE DATE 10.12.2024  
EXPIRY DATE 09.12.2029

**Corian® Solid Surface**

**SPONSOR**

**CASF Australia Pty Ltd**  
3/208 Walters Road  
Arndell Park NSW 2148

**TEST AND EVALUATION BODY**

**Ignis Labs Pty Ltd**  
ABN 36 620 256 617  
3 Cooper Place  
Queanbeyan NSW 2620  
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(02) 6111 2909

**Introduction**

Ignis Labs undertook a test of the Corian® Solid Surface material. The testing was undertaken in accordance with AS ISO 9705-2003. The group number was assigned in accordance with AS 5637.1:2015. This is a short form AS 5637.1:2015 report.

The National Construction Code Volume 1 Building Code of Australia 2022 (BCA) requirements specify that the Group Number of a wall or ceiling lining shall be determined in accordance with AS 5637.1:2015. Clause 4 of AS 5637.1:2015 specifies the group number assignment, determination, and the test method selection.

**Product Description**

The test specimen is described as Corian® Solid Surface being a white in colour, 12 mm thick solid, non-porous, homogeneous surfacing material. The material composed of 1/3 percent acrylic resin (also known as PMMA) and 2/3 percent natural minerals. These minerals are composed of alumina trihydrate (ATH) derived from bauxite. The material has a density of 1.6 to 1.8 g/cm<sup>3</sup>.

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 and tested by Ignis Labs.

**AS 5637.1 Group Number: 2 | SMOGR<sub>ARC</sub> (m<sup>2</sup>/m<sup>2</sup>·s<sup>-2</sup> x 1000) 2.46**

**Test Method**

The testing was undertaken in accordance with the requirements of AS ISO 9705-2003.

**Reference Documents**

This certificate is based on the following documents:

- Ignis Labs Test Report IGNL-5253-06R dated 10 November 2021.


**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 Clause 4 of AS 5637.1:2015, the determination of the group number was based on the AS ISO 9705-2003 test.
3. Clause A5G3 (1)(d) of the BCA 2022 allows for evidence of suitability in relation to a report issued by an Accredited Testing Laboratory that demonstrates that a material, product or form of construction has been subjected to the results of those tests and any other relevant information that has been relied upon to demonstrate it fulfils specific requirements of the BCA.
4. This report is provided in accordance with BCA 2022 Clause A5G3 (1)(d) as a report from an Accredited Testing Laboratory. In accordance with BCA Clause A5G3 (1)(d) it is demonstrated that the material and testing complies with the requirements of the BCA in accordance with AS 5637.1:2015 in determining the group number.



NATA Accredited Laboratory  
Number: 20534 Site number: 24604  
Accredited for compliance with  
ISO/IEC 17025 - Testing

  
**Laboratory Engineer**  
**Tom Lewis**

  
**Chartered Professional Engineer**  
**Benjamin Hughes-Brown**  
FIEAust CPEng NER APEC Engineer IntPE(Aus)  
CPEng, NER (Fire Safety / Mech) 2590091, RPEQ11498, BDC-1875, PRE000303,  
DEP000317, PE0001872  
MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (GT)

Version: IGNL-FO-201 I01 R00

**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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