

FI21466-01-1-C1 GROUP NUMBER ASSESSMENT



This is to certify that the specimen described below was tested by BRANZ in accordance with ISO 9705:1993 and AS ISO 9705:2003 (R2016).

Test Sponsor

CSR Building Products Limited
Trinity 3, 39 Delhi Road
North Ryde
NSW, 2113
Australia

Date of Test

17 April 2026

Reference BRANZ Test Report

FI21466-01-1 – issued 28 April 2026

Test specimen as described by the client

EchoPanel® 12mm is an acoustic panel composed of Polyethylene Terephthalate (PET) of which 80% is recycled content and was sage (580) in colour. The panels were nominally 12 mm in thickness, had a client stated weight of 2,400 g/m², and had a coloured decorative ink print facing with 100% coverage. The panels were tested fixed and adhered to 10 mm standard paper-faced plasterboard substrate. The combination of mechanical fixings and adhesive represents the most demanding installation method for testing. Typically, the specimen would be installed using an adhesive or mechanical fixings alone.

Determination of Fire Hazard Properties

The specimen was deemed suitable for testing in accordance with AS 5637.1:2015 and testing was performed in accordance with AS ISO 9705:2003 (R2016) for the purposes of classification. This test comprised three walls and the ceiling lined with the test specimen.

Classification in Accordance with NCC Australia and New Zealand Building Code

Calculations were carried out in accordance with Building Product Specifications (2025) Section 8.5 and AS 5637.1:2015. The Group Number classification and SMOGRA_{RC} for the sample, as described above, are provided in the table below.

Regulatory authorities are advised to examine test reports before approving any product.

Building Code Document	Classification
NZBC Verification Method C/VM2 Appendix A and Building Product Specifications (2025)	Group Number 1-S The average smoke production rate was 0.7 m ² /s and therefore within the 5.0 m ² /s limit
NCC Volume One, Specification 7, Clause S7C4, determined in accordance with AS 5637.1:2015	Group 1 The SMOGRA _{RC} was 1.5 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit

Issued by

L. Q. Greive
Fire Testing Engineer
BRANZ

Reviewed and authorised by

L. F. Hersche
Fire Testing Engineer
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Issue Date

28 April 2026

