

FI16163-01-1-C1

GROUP NUMBER CLASSIFICATION



This is to certify that the specimen described below was tested by BRANZ for determination of Group Number Classification, Smoke Production Rate and SMOGRA_{RC} in accordance with AS ISO 9705:2003 (R2016) and ISO 9705:1993.

Test Sponsor

Asona Ltd
Building 12-16, 7 Cain
Road, Penrose
Auckland, New Zealand

Date of test:

11 May 2022

Reference BRANZ Test Report:

FI16163-01-1 – issued 1/07/2022

Test specimen as described by the client:

Asona Triton 50 HD™

The product submitted by the client for testing was identified by the client as a nominally 50 mm thick, 96 kg/m³, yellow glass fibre ceiling panel with 180 gsm glass tissue supporting layer, and a perforated decorative printed woodgrain paper foil with PU polyurethane clear coating top decorative surface

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 Group Number classification as specified in the NCC Volume One Specification C1.10 Clause 4. The test comprised three walls and the ceiling lined with the test specimen.

Group Number Classification in accordance with the NZBC and NCC Australia

Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A and AS 5637.1. The Group Number classification for the sample as described above is given in the table below.

Building Code Document	Group Number Classification
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The SMOGRA _{RC} was 40.2 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S

Issued by

L. F. Hersche
Fire Testing Engineer
IANZ Approved
Signatory

Reviewed by

S. Whatham
Fire Testing Engineer
BRANZ

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



All tests and procedures reported herein, unless indicated, have been performed in accordance with the laboratory's scope of accreditation

Issue Date

1/07/2022

Expiry Date

1/07/2027