

# FH 4901-002

## GROUP NUMBER CLASSIFICATION



This is to certify that the specimens described below were tested by BRANZ for determination of Group Number Classification and Average Specific Extinction Area in accordance with ISO 5660 Parts 1 and 2.

### Test Sponsor

USG Australasia  
118 Savill Drive  
Auckland 2024  
New Zealand

### Date of tests

5 June 2012, and 5 September 2018

### Reference BRANZ Test Report

FH 4901-002 – 12 October 2018

### Test specimens as described by the client

#### Olympia II Micro ClimaPlus and Olympus Max Acoustical Panels

White faced mineral fibre acoustic panels.

| Specimen Reference | Mass (g) | Thickness (mm) | Apparent Density (kg/m <sup>3</sup> ) | Colour |
|--------------------|----------|----------------|---------------------------------------|--------|
| FH4901-50-1,2,3    | 44.6*    | 18.8*          | 238*                                  | White  |
| FH10392-1-50-1     | 48.2     | 19.0           | 254                                   | White  |

Note: \*mean value across replicate specimen

### Group Number Classification in accordance with the New Zealand Building Code

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

### Group Number Classification in accordance with NCC Australia

Calculations were carried out according to AS 5637.1:2015. The Group Number Classification and Average Smoke Extinction Area for the sample as described above is given in the table below.

### 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 ISO 5660 for the purposes of Group Number Classification as specified in the NCC Volume One Specification C1.10 Clause 4.

### Discussion


No significant variations were detected in the indicative testing of Olympus Max Acoustical Panels. Each indicative sample tested was designated a Group 1-S classification. Olympus Max Acoustical Panels are deemed to achieve equivalent group number classification.

| Building Code Document   | Group Number Classification   |
|--|---|
| NZBC Verification Method C/VM2 Appendix A  | 1-S   |
| NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015 | 1<br>The average specific extinction area was <b>less</b> than the 250 m <sup>2</sup> /kg limit |

### Issued by

  
L. F. Hersche  
Fire Testing Engineer  
BRANZ

### Reviewed by

  
P. C. R. Collier  
Senior Fire Testing Engineer  
IANZ Approved Signatory

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



### Issue Date

12 October 2018

### Expiry Date

12 October 2023

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