

# FH20725-01-1-C1

## GROUP NUMBER CLASSIFICATION



This is to certify that the specimens described below were tested by BRANZ in accordance with ISO 5660-1: 2015 for determination of Group Number classification.

### Test Sponsor

T&R Interior Systems Limited  
12 Glover Street  
Ngauranga  
Wellington 6035  
New Zealand

### Date of Tests

29th and 30th April 2026

### Reference BRANZ Test Report

FH20725-01-1 – 11 May 2026

### Test specimens as described by the client

#### Phonic Tissue Face Ceiling Tiles

Glasswool ceiling tiles in nominally 15 mm to 60 mm thicknesses. The tiles have two different white tissue facing variants, denoted as **#000** and **#800**.

Specimen ID	Mean Values			Colour	Indicative Group Number
	Mass (g)	Thickness (mm)	Apparent Density (kg/m <sup>3</sup> )		
FH20725-5-50-1	19.7	15.5	127	White	1-S
FH20725-6-50-1	34.0	48.5	70	White	1-S
FH20725-7-50-1,2,3*	35.7	49.7	72	Whit	1-S

\*Mean values for replicate specimens

### Discussion

The Phonic Acoustic tiles were supplied in nominally 50 mm variants with the #000 tissue facing, and 15 mm and 50 mm thicknesses with the #800 tissue facing. All samples achieved the same material Group Number classification with the most onerous being tested in full. The Phonic tiles are also available in 60 mm thickness variant that has an additional nominally 10 mm plasterboard backer to the glasswool. As the maximum tile thickness that can be tested in the cone calorimeter is 50 mm, this variant was not subjected to testing as it would have required the removal of the plasterboard backer prior to testing. However, it is not expected that the additional thickness of plasterboard backer on the 60 mm tiles would negatively impact the overall result, and as such the results for the 50 mm #800 faced tile are considered applicable to the entire Phonic range from 15 mm to 60mm in both tissue variants.

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

The specimens were deemed suitable for testing and calculations for establishing a Group Number were carried out in accordance with Building Product Specifications Part 8, Section 8.5, Subsection 8.5.5: *Determining a material Group Number when tested to ISO 5660*, for compliance with the New Zealand Building Code (NZBC)

Building Code Document	Group Number Classification
NZBC Building Product Specifications, Part 8, Section 8.5, Subsection 8.5.5, Table 8.5.5.3	<b>Group 1-S</b>

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

#### Issued by

A handwritten signature in blue ink, appearing to be "L. M. Grant".

L. M. Grant  
Fire Testing Engineer  
BRANZ

#### Reviewed by

A handwritten signature in blue ink, appearing to be "L. F. Hersche".

L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

#### Authorised by

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L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

#### Issue Date

11 May 2026