FI 4894-01-2-C1
FIRE TEST SUMMARY CERTIFICATE

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

Test Sponsor

Autex Industries Ltd
702-718 Rosebank Road
Rosebank
Auckland, 1348
New Zealand

Date of Test

21 May 2012

Reference BRANZ Test Report

FI4894-01-2 – issued 18/06/2024

Test Specimen as described by the Sponsor

Autex Acoustic Fabric: The specimen was stated by the client to comprise a nominal 10 to 12 mm thick 100 % PET felt with a nominal 1,650 gsm at 12 mm giving a density of 138 kg.m^{3}nominal thickness, adhered to fibre cement sheet. The client stated that the Registered brand names for this product are: Autex Composition, Autex Quietspace Acoustic Fabric, or Autex Symphony, and the results therefore apply equally to all three products.

Determination of Fire Hazard Properties

The specimen was deemed suitable for testing in accordance with AS 5637.1:2015, and the testing was performed in accordance with AS ISO 9705:2003 (R2016) to determine the Group Number classification as specified in the NCC Volume One. The 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 AS 5637.1:2015 and NZBC Verification Method C/VM2 Appendix A. The Group Number classification and SMOGRARC 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	**Group Number 1-S** The average smoke production rate was 0.4 m²/s and therefore not greater than the 5.0 m²/s limit
NCC Volume One Specification 7, Clause S7C4 determined in accordance with AS 5637.1:2015	**Group 1** The $SMOGRA_{RC}$ was 0.9 m^2/s^2 x 1000 and therefore within the 100 m^2/s^2 x 1000 limit

Issued by

L. Q. Greive
Associate Fire Testing Engineer
BRANZ

Issue Date
18/06/2024

Reviewed and approved for release by

L. F. Hersche
Fire Testing Engineer
IANZ Approved Signatory

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