

FH16777-01-1-C1

CLADDING CLASSIFICATION



This is to certify that the specimen described below was tested by BRANZ
in accordance with ISO 5660-1:2002

Test Sponsor

Masons Plasterbrick Limited
18a David McCathie Place
Stanmore Bay, Silverdale
Auckland, 0932
New Zealand

Date of tests

22nd November 2022

Reference BRANZ Test Report

FH16777-01-1 – issued 20 December 2022

Test specimens as described by the client

Masons Plasterbrick ENVIRO AAC 50 mm panel

ENVIRO AAC 50 mm panel is an aerated autoclaved concrete with steel reinforcement lattice, covered with 3 coats of plaster and 3 layers of acrylic paint.

Specimen ID	Mass* (g)	Thickness* (mm)	Apparent Density* (kg/m ³)	Colour
FH16777-1-50-1, 2, 3	292.1	41.3	707	White


*Mean value across replicate specimen.

Classification in accordance with the New Zealand Building Code


Calculations were carried out according to NZBC Verification Method C/VM2 Table 4.1. The classification for the sample as described above is given in the table below.

Building Code Document	Cladding Material Type
NZBC Acceptable Solutions C/AS1 (2014) Table 5.1	< 150 kW/m ² and, < 25 MJ/m ²
NZBC Acceptable Solutions C/AS2 (2020) Table C1.3	Type B

Issued by


L. Q. Greive
Associate Fire Testing
Engineer
BRANZ

Reviewed and Approved for Release by


L. F. Hersche
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
20 December 2022

Expiry Date
20 December 2027