

Class 2 - Building Product Information

Product name

Pacific Doors Acoustic Doors

Product line

AD-series acoustic doors

Pacific Doors AD-series acoustic doors are tested to ISO 140-3 and come with tags certifying the tested acoustic rating (STC or Rw).

Pacific Doors AD-series acoustic doors are available with acoustic ratings up to and including STC 50 for a single doorset and STC 61 for an interconnecting doorset.

This product is available in a range of sizes with multiple options for leaf facings, frames and glazing configurations.

For a full range of options, please refer to <https://www.pacificdoors.co.nz/acoustic/acoustic-doors>

Product identifiers

Designation	STC / Rw rating	Door function
AD100	35	Hinged
AD200-I	38	Hinged
AD200-E	40	Hinged
AD300	40	Hinged
AD400	43	Hinged
AD500	50	Hinged
AD200-48ID	48	Hinged, interconnecting
AD200-58ID	58	Hinged, interconnecting
AD300-ID	61	Hinged, interconnecting

Place of manufacture

Pacific Doors factories in Timaru and Lower Hutt, New Zealand.

Legal and trading name of manufacturer: Pacific Door Systems Ltd
Address for service: 17 Meachen St., Seaview, Lower Hutt 5045
NZBN: 9429038999413

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Website: www.pacificdoors.co.nz

Contact email: sales.pacificdoors@assaabloy.com

Relevant Building Code clauses

B2 Durability: Performance clause B2.3.1(b)

D1 Access Routes: Performance clause D1.3.1(b), D1.3.1(c) and D1.3.4(f)

F2 Hazardous building materials: Performance clauses F2.3.1, F2.3.2 and F2.3.3

G6 Airborne and impact sound: Functional requirement G6.2

Statement on how the building product is expected to contribute to compliance

B2.3.1(b): The AD-series acoustic doors can be finished to provide a durability of at least 15 years in all interior applications, excepting applications where the product is subjected to direct exposure to moisture. Durability is dependent on product being installed and maintained in accordance with Pacific Door Systems Ltd Operations and Maintenance manual.

D1.3.1(b): When correctly specified AD-series acoustic doors can be used as entry doors. Limitations may apply.

D1.3.1(c): AD-series acoustic doors can be used within an accessible route where design consideration is given to NZBC D1/AS1 7.0

D1.3.4(f): AD-series acoustic doors can be fitted with handles meeting the requirements of NZBC D1/AS1 7.0.5. Selection and supply of hardware is not the responsibility of Pacific Doors.

F2.3.1: AD-series acoustic doors do not give rise to any harmful concentrations of gas, liquid, radiation or solid particles during the construction of buildings.

F2.3.2: Glazing in AD-series acoustic doors can be fitted with glazing manifestations for visibility. Supply and installation by others.

F2.3.3: When correctly specified, AD-series vision panels, sidelights and overlights comply with NZS 4223.3:2016.

G6.2: AD-series acoustic doors come complete with acoustic seals to aid in the prevention of undue noise transmission. All solutions are performance tested.

Doors fitted with smoke seals comply with the NZBC C/AS2 C6.1.2 definition of smoke control doors.

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Relevant standards

NZS 4223.3:2016 “Glazing in buildings Part 3: Human impact safety requirements”

ISO 140-3:1995 “Acoustics – Measurement of sound insulation in buildings and of building elements”

Limitations on the use of the building product

C3: AD-series acoustic doors are not available with a fire rating

E2: The AD-series acoustic doors are not tested for water ingress in exterior applications, and we make no claims with regards to its suitability under NZBC E2 External moisture.

If this product is installed in an exterior wall it should be given the maximum possible amount of protection, including overhead protection. Flashing design, supply, and installation by others.

Limitations on acoustic ratings, size and other product options are as per product datasheet.

Design requirements that would support the use of the building product

The AD-series acoustic doors are designed for use in residential and commercial buildings where a performance acoustic door is required.

Installation instructions

<https://www.pacificdoors.co.nz/acoustic/installation-instructions>

Maintenance requirements

As per Pacific Door Systems Ltd Operations and Maintenance manual:

<https://www.pacificdoors.co.nz/sites/default/files/images/Operations%20and%20Maintenance%20Manual.pdf>

This building product line is not subject to a warning or ban under section 26.

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