

Process Hinged Insulated Door

BPIR Declaration

Version: v1

Designated building product: Class 2

Declaration

AceDoor Systems 2013 Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

| Name |
|---------------------|
| Process Hinged Door |

Description

Process Hinged Doors are a commercial insulated hinged door primarily for use in ambient temperature process applications. The doors are constructed from either 50mm thick EPS, PIR or XFLAM insulated panel, capped with aluminium extrusion. Gaskets on the door frame seal against the door leaf. Door frames can be 4 sided (full surround) or 3 sides with a silicone wiper gasket fitted to the bottom of the door leaf to seal against the floor. The door leaf is hinged off the door frame using heavy duty stainless steel hinges. Process Hinged Doors are available in both single & double leaf configurations.

The insulated panel leaf has pre-painted colour steel skins finished in Titania. The aluminium extrusion parts are mill finish as standard, with powder coat finish optional.

Process Hinged Doors can optionally be fitted with vision panels, kickplates, auto closers, louvres, push plates and D handles. As standard the doors are fitted with a commercial Legge lever lockset, and a tower bolt on inactive leaves of double doors. Custom hardware can be fitted to the doors on request.

Further information on Process Hinged Doors can be found at <https://www.acedoors.co.nz/process-hinged-doors/>.

Process Hinged Doors are not fire rated.



Scope of use

Process Hinged Doors are suitable for use in commercial cool rooms, and can also be used in other applications where temperature / air flow between 2 spaces is a consideration. Also suitable for use where cleanliness and dust is a consideration and the doors are easily wiped down and have a clean finish.

Conditions of use

Process Hinged Doors must be installed by an experienced installer, builder or insulated panel contractor.

Cannot be used in roofs and cannot be used where there are fire rating requirements.

Openings must be designed with the minimum requirements given on the Process Hinged Door Drawing documents.

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (a, b, h, j), B1.3.4

B2 Durability — B2.3.1 (b, c)

E2 External moisture — E2.3.2, E2.3.7

F2 Hazardous building materials — F2.3.1

G7 Natural light — G7.3.1, G7.3.2

H1 Energy efficiency — H1.3.1 (a, b), H1.3.2E



Contributions to compliance

Structure

Process Hinged Doors use robust construction and durable materials to minimise risk of collapse during construction, alteration, and throughout their lives. Likewise, the materials and construction used minimise deformations and vibrations that could cause discomfort or inconvenience to the building's occupants. Account has been taken for relevant physical conditions, including self-weight, imposed gravity loads and impact to ensure the doors can withstand these forces without being compromised.

Durability

Process Hinged Doors have a durability of at least 15 years under normal use conditions, and when correctly maintained.

External Moisture

Process Hinged Doors are fitted with either a bottom wiper gasket (3-sided frame), or a 4 sided, full surround frame to seal all around. It is recommended that a deflector or hood is installed over a Process Hinged door when used externally to reduce the amount of water running over the door.

Hazardous Building Materials

Process Hinged Doors are safe when handled.

Natural Light

Process Hinged Doors can be fitted with vision panels to allow natural light into the building.

Energy Efficiency

Process Hinged Doors are made with standard insulated panels, which are used to build commercial freezers, cool rooms and chillers. As a result the doors are ideal for maintaining temperatures, providing excellent insulation properties.

Supporting documentation

The following additional documentation supports the above statements:

Process Hinged Door Drawings

<https://www.acedoors.co.nz/process-hinged-door-drawings/>

For further information supporting Process Hinged Doors claims refer to our website.



Contact details

| | |
|-----------------------------------------------|-----------------------------------------------------------------------|
| Manufacture location | New Zealand |
| Legal and trading name of manufacturer | AceDoor Systems 2013 Limited |
| Manufacturer address for service | 43a Hobill Ave Auckland 2441 |
| Manufacturer website | https://www.acedoors.co.nz/ |
| Manufacturer email | sales@acedoors.co.nz |
| Manufacturer phone number | 0800 366 773 |
| Manufacturer NZBN | 9429035117988 |

Responsible persons

As the responsible persons as set out in Regulation 3, we confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of our knowledge, correct.

We can also confirm that Process Hinged Doors are not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **AceDoor Systems 2013 Limited:**

Annette Potts

Annette Potts
Director
December 2023

Jamie Pearce

Jamie Pearce
BE(Hons) Mechanical
December 2023

ACEDOOR SYSTEMS 2013 LIMITED

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AceDoors – over 35 years manufacturing experience

