

Low Temp Insulated Sliding 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
Low Temp Slider

Description

Low Temp Sliders are a commercial insulated sliding door primarily for use in temperature control applications for freezers. The doors are constructed from either EPS, PIR or XFLAM insulated panel, capped with aluminium extrusion. Silicone gaskets on the sliding door leaf seal against a heated door frame, which comes with a thermal breaker strip. Door frames can be 4 sided (full surround), or 3 sided with a wiper gasket on the bottom of the leaf to seal against the floor. The door leaves hang from nylon rollers that run along an aluminium track with rubber stops at each end. The track features drop down inserts so the door drops into place in the closed position for optimal sealing.

The insulated panel leaves have pre-painted colour steel skins, finished in Titaina. The aluminium extrusion parts are mill finish as standard, with powder coat finish optional. The leaf thickness can be 100mm or 150mm. Alternative thickness panels can be used with a custom capping solution.

Low Temp Sliders can optionally be fitted with kickplates and vision panels. Heated sills are also available. As standard the doors are fitted with a S/S lever handle and wall locking bracket, as well as internal safety release.

Further information on Low Temp Sliders can be found at <https://www.acedoors.co.nz/insulated-sliding-doors/>.

Low Temp Sliders are not fire rated.



Scope of use

Low Temp Sliders are suitable for use in commercial freezers, and can also be used in other applications where a solid sliding door is required and 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

Low Temp Sliders must be installed by an experienced installer, builder or insulated panel contractor.

Cannot be used in roofs or non-vertical walls, and cannot be used where there are fire rating requirements.

Openings must be designed with the minimum requirements given on the Insulated Sliding 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

Low Temp Sliders 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

Low Temp Sliders have a durability of at least 15 years under normal use conditions, and when correctly maintained.

External Moisture

Low Temp Sliders 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 Low Temp Slider when used externally to reduce the amount of water running over the door.

Hazardous Building Materials

Low Temp Sliders are safe when handled.

Natural Light

Low Temp Sliders can be fitted with vision panels to allow natural light into the building.

Energy Efficiency

Low Temp Sliders are designed to be made using 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:

Insulated Sliding Door Drawings

<https://www.acedoors.co.nz/insulated-sliding-door-drawings/>

For further information supporting Low Temp Slider 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 Low Temp Sliders 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

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