

Thermal Series Sectional 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	Thermal Series Sectional Door
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Description

Thermal Series Sectional Doors are a residential sectional garage door product. The door panels are constructed from polyurethane foam sandwiched between internal and external roll formed colour steel skins. The external face is spray painted to the colour of choice. The internal skin is white. The steel hardware, including hinges and mounting brackets, is powder coated white. A full range of sizes are available within 1800mmH to 2750mmH, and 1800mmW to 5400mmW. For a complete description of styles and colours available go to <https://www.acedoors.co.nz/residential-doors/thermal-series-residential-garage-doors/>.

Thermal Series Sectional Doors are available with electric garage door openers, using either an AceDoors FS1000 opener, or an option from the Merlin range of products. The doors can alternatively be manually operated and secured with a T-handle lockset or internal latch set.

Thermal Series Sectional Doors are not fire rated.



Scope of use

Thermal Series sectional doors are suitable for use in residential buildings as a garage door. They can also be used as doors for sheds and other similar buildings.

Thermal Series sectional doors are not available with windows built in and so cannot be used to provide natural light in areas where natural light is required.

Thermal Series sectional doors are not suitable to provide ventilation to the building interior.

Conditions of use

Thermal Series Sectional Doors must:

- Be installed to a covered or internal area and have all internal mounting components be protected from the elements.
- Be installed by a competent and experienced sectional door installer.

Thermal Series Sectional Doors cannot be used where there are fire rating requirements.

Openings must be designed with the minimum requirements given in the AceDoors Sectional Door Fixing Detail document.

Not suitable for use in Exposure Zone D.

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

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



Contributions to compliance

Structure

Thermal Series Sectional 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

Thermal Series Sectional Doors have a durability of at least 15 years under normal use conditions, and when correctly maintained.

External Moisture

Thermal Series Sectional Doors are fitted with a bottom weather seal to limit ingress of moisture. The rest of the door surround is pressed against a mohair strip on the inside of the reveals.

Hazardous Building Materials

Thermal Series sectional doors are safe when handled.

Energy Efficiency

Thermal Series sectional door panels have a polyurethane core and so offer excellent heat transfer properties. The doors seal on all 4 sides to limit uncontrollable air flow.

Supporting documentation

The following additional documentation supports the above statements:

Sectional Door Fixing Details

<https://www.acedoors.co.nz/wp-content/uploads/Sectional-Door-Fixing-Details.pdf>

Regular Maintenance AceDoors Garage Doors

<https://www.acedoors.co.nz/regular-maintenance/>

AceDoors Residential Garage Doors 15 Year Warranty

<https://www.acedoors.co.nz/warranty/>

For further information supporting Thermal Series Sectional 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 Thermal Series Sectional Doors are not subject to a warning or 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

43a Hobill Ave Auckland 2441 New Zealand
0800 366 773 | <https://www.acedoors.co.nz/>



Manufactured by AceDoors
Auckland: 43a Hobill Avenue, Wiri 2441 P 0800 DOORS 3
Christchurch: 12 Westland Place, Rolleston 7675 P 0800 DOORS 1
PO: PO Box 76-105, Manukau, Auckland 2241, New Zealand W www.acedoors.co.nz

AceDoors – over 35 years manufacturing experience

