

Roller Shutter 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	Roller Shutter Door
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Description

Roller Shutter Doors are a commercial / industrial roller door. The doors are constructed from individual interlocking roll formed steel slats, steel guide channels and a heavy duty steel barrel with internal torsion spring counter balance system. The doors can be supplied with either a galvanised finish or powder coated screen. A full range of sizes are available with heights up to 7000mmH, and widths up to 8000mmW. For more information go to <https://www.acedoors.co.nz/roller-shutter-doors/>.

Roller Shutter Doors are available with greaseless HushShutter guides (limited size range), or with traditional greased guides and heavy duty wind locks for larger openings.

Roller Shutter Doors can be operated by either a manual hand chain (limited size range) or by single or three phase electric openers.

Roller Shutter Doors are not fire rated.



Scope of use

Roller Shutter Doors are suitable for use in commercial buildings as a workshop or vehicle access door, or industrial buildings for vehicle or plant access. They can also be used as doors for sheds and other similar buildings.

Roller Shutter Doors are not available with windows built in and so cannot be used to provide natural light in areas where natural light is required.

Roller Shutter Doors can be manufactured with ventilation slots punched in each slat. The maximum open area in a given door opening is approximately 15%.

Roller Shutter Doors cannot be insulated.

Conditions of use

Roller Shutter Doors must:

- Be installed to a covered or internal area and have the main door drum/barrel be protected from the elements.
- Be installed by a competent and experienced roller shutter door installer.

Roller Shutter Doors cannot be used where there are fire rating requirements.

Openings must be designed with the minimum requirements given in the AceDoors Roller Shutter Door Drawings documents.

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

G4 Ventilation — G4.3.1



Contributions to compliance

Structure

Roller Shutter 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

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

External Moisture

Roller Shutter Doors are fitted with a bottom weather seal to limit ingress of moisture. The door individual steel slats making up the curtain are profiled to not collect water or allow it to leak through joins. (Except when ventilated)

Ventilation

Roller Shutter Doors can be manufactured with ventilation slots punched in each slat. The maximum open area in a given door opening is approximately 15%. Note that any ventilation added to a Roller Shutter door will allow external moisture to pass through.

Hazardous Building Materials

Roller Shutter Doors are safe when handled.

Supporting documentation

The following additional documentation supports the above statements:

**Roller Shutter Door
Drawings**

<https://www.acedoors.co.nz/roller-shutter-door-drawings/>

For further information supporting Roller Shutter 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 Roller Shutter 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

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AceDoors – over 35 years manufacturing experience

