

Duffett A Series - Aluminium Roller Shutter Door



Product Technical Statement: 112390

High quality aluminium roller shutter door with a range of special functions and finishing options.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Duffett confirms that this minimum level of assurance has been met or exceeded by the following:

Duffett Door Solutions

[Duffett Door Solutions](#)



Technical Statement

Product Description

Duffett A Series Aluminium Roller Shutter Door are constructed from 6063 T5 extruded aluminium alloy interlocked slats. They are available with solid slats or slotted slats to provide ventilation and vision. These doors can be custom-made to fit the opening size required. This door system is suitable for installation into timber, steel, concrete or masonry construction.

Features

- Barrel manufactured from 150mm tube AS1074/BS1387
- Guides manufactured from 55 x 60mm extruded heavy duty aluminium channel
- Manual hand, hand chain or motorised operation options
- Wide range of powdercoated colours to match just about any colour
- The strength of the barrel minimises the amount of deflection and adds extra support to large screens
- The design and strength of the guides ensures a seamless entry into the guide, resulting in a smooth running door

The installation of the Roller Doors and Grilles has been inspected. Wind loadings for each door are to AS/NZS 1170.2.

Scope of use

Duffett A Series Roller Doors have been appraised for use in locations such as Shopping Malls, Shop Fronts, Carparks, Hotels, Bars, Arcades, Sports Complexes, Schools.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(b), B1.3.3(f), B1.3.3(h), B1.3.3(i), B1.3.3(j), B1.3.3(p), B1.3.4
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a), B2.3.1(b), B2.3.1(c)
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause G9 Electricity:** Performance G9.3.1

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Duffett Door Solutions
[Duffett Door Solutions](#)

Product Criteria

Design requirements

Refer to the Duffett A Series Aluminium Roller Shutter Door Specification for design parameters. Refer to our Windloading Chart for max windloading. Our Weight Chart is also available for door weights based on height & width. The Shutter & Grille Selection Chat provides a guideline for the maximum size criteria designated by motorisation type.

Installation requirements

Duffett A Series Aluminium Roller Shutter Door must be installed in accordance with the manufacturer's installation instructions. Building to be engineered and designed to comply with New Zealand Building Standards for the loads and fixings required for the specified door.

Maintenance requirements

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Company Contact Details



Company: Duffett Doors & Grilles Ltd

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The recommended maintenance frequency is a regular door servicing every (12) months. For high frequency use, periodic maintenance should be carried out every (3) months. Under normal circumstances, a Service Agreement is suggested to maintain longer operational life.

Warrantees

Duffett offer a (24) month guarantee on New Doors, provided the products are properly maintained in accordance with company maintenance instructions. The warranty may be voided if products are not operated in accordance with operating instructions.

Company Product Information

Environmental

Duffett Doors are committed to protecting the environment from any adverse effects from our operations & activities. We comply with all applicable environmental laws and regulations.

Relationships



New Zealand Made

Window & Glass Association NZ (Inc) 1421



Date last validated: **27 September 2022**



Date last updated: **27 September 2022**

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