

Duffett G Series - Heavy-Duty Roller Grille

Product Technical Statement: 112391



High Quality Security Grille system 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](#)



masterspec partner

Company Contact Details



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Technical Statement

Product Description

Duffett G Series Aluminium Heavy-Duty Roller Grilles are constructed from horizontal extruded High Tensile Aluminium. These tube security roller grilles can be custom made to suit the opening size. The Duffett Heavy-Duty Roller Grille provides for ventilation, visibility and security. The door system is suitable for installation into timber, steel, concrete or masonry construction.

Features:

- Standard colour is natural anodized but also available in a wide range of powdercoated colours.
- 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

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

Warehouses, Factories, Commercial Buildings, Farm Sheds, Retail Workshop, Processing Plants, Carparks, Loading Bays & High Security Areas

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(i), B1.3.3(j), B1.3.3(p), B1.3.4
- **Clause B2 Durability:** Performance B2.3.1
- **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 G Series Heavy-Duty Roller Grilles 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

Installation requirements

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

Maintenance requirements

The recommended maintenance frequency is 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.

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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



Date last validated: **27 September 2022**



Date last updated: **27 September 2022**

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