



RESOLUTE FLUSH DOORS INFORMATION SHEET CLASS 2

Product name:

RESOLUTE FLUSH DOORS

Product line:

RESOLUTE COMPOSITE DOORS

Version:

A

Date:

06/12/2023

Product description and intended use:

RESOLUTE FLUSH DOORS comprise of a range of thermally improved fiberglass entrance and interior doors.

RESOLUTE FLUSH DOORS are intended to be used for commercial construction, renovations, and other demanding commercial applications.

RESOLUTE FLUSH DOORS may be used where a door with a high R-rating is required to demonstrate compliance with the New Zealand Building Code.

RESOLUTE FLUSH DOORS are available in sizes up to 2400mm high by 1060mm wide, with varying glazing and louvre configurations.

Product identifier:

FRFL__

Place of Manufacture:

Overseas

Manufacturer:

Parkwood Products Limited

NZBN: 9429039635891

www.parkwooddoors.co.nz

Importer:

N/A

Address:

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Castlecliff, 4501,
Whanganui,
New Zealand

Phone:

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sales@parkwooddoors.co.nz

Is the building product line subject to warning or ban under section 26?:

No

Relevant building code clauses:

B1 Structure—B1.3.1, B1.3.2, B1.3.3, B1.3.4

B2 Durability—B2.3.1, B2.3.2

C4 Movement to place of safety—C4.2

D1 Access routes—D1.3.1

E2 External Moisture—E2.2, E2.3.2

E3 Internal Moisture—E3.3.1

F2 Hazardous building materials—F2.3.3

H1 Energy efficiency—H1.2, H1.3.1, H1.3.2E

Statement on how the RESOLUTE FLUSH DOORS is expected to contribute to compliance:

B2 Durability—RESOLUTE FLUSH DOORS comply with B2 Durability as demonstrated by B2/VM1 1.1 In-service history.

C4 Movement to place of safety— RESOLUTE FLUSH DOORS can be used within an escape route where relevant considerations are specified in the project requirements.

D1 Access routes—RESOLUTE FLUSH DOORS can be used within an access route where relevant considerations are specified in the project requirements.

E3 Internal moisture—RESOLUTE FLUSH DOORS may contain IGU's which reduce condensation compared to single glazing.

F2 Hazardous building materials—RESOLUTE FLUSH DOORS are glazed to comply with NZS 4223.3:2016.

H1 Energy efficiency—RESOLUTE FLUSH DOORS comply with energy efficiency requirements when the R-value of RESOLUTE FLUSH DOORS are equal to or greater than that specified by the project requirements. RESOLUTE FLUSH DOORS are thermally improved and has insulated glass units only. The R-rating for your door can be found on your sales order and order confirmation. R-ratings are calculated to ISO 10077-1 and ISO 10077-2 as per H1/VM1.

Applicable standards:

NZS 4214:2006—Methods of Determining the Total Thermal Resistance of Parts of Buildings

ISO 10077-1—Thermal performance of windows, doors and shutters

ISO 10077-2—Thermal performance of windows, doors and shutters

NZS 4211:2008—Specification for performance of windows

SNZ TS 4211:2022 Specification for the classification of windows

AS 2047:2014—Windows and external glazed doors in buildings

ISO 717-1:2004—Acoustics—Rating of sound insulation in buildings and of building elements

NZS 4223.1:2008—Glass in buildings—Part 1: Glass selection and glazing

NZS 4223.2:2008—Glass in buildings—Part 2: Insulating glass units

NZS 4223.3:2008—Glass in buildings—Part 3: Human impact safety requirements

NZS 4223.4:2008—Glass in buildings—Part 4: Wind, dead, snow, and live actions

Limitations to use of the RESOLUTE FLUSH DOORS:

RESOLUTE FLUSH DOORS is not intended to be used as a fire door, or to prevent or stop the spread of fire.

RESOLUTE FLUSH DOORS is limited by the frame that it is installed in, due diligence needs to be taken with the frame fabricator to ensure compliance with the building code.

Design requirements that would support the use of the RESOLUTE FLUSH DOORS:

RESOLUTE FLUSH DOORS are designed to be used in, but not limited to:

New commercial construction, including industrial applications, healthcare, education and other commercial, and associated buildings.

Timber, steel or aluminum frame construction.

All aluminum and timber joinery suites with a suitable door rebate.

Where the specification of RESOLUTE FLUSH DOORS is the following:

Max size 2400mm high by 1060mm wide,

Installation that follows common Acceptable Solutions such as E2/AS1, F4/AS1, G4/AS1, G7/AS1 and H1/AS1,

Wet spray paint to any Dulux, Resene or RAL color.

The following must be specified when ordering RESOLUTE FLUSH DOORS:

Overall size and style,

Color, if painted,

Side to which hinges are to be fixed,

Opening direction.

Installation requirements:

Inspect product for damage or defects before signing for receipt of goods.

Check product is correct size and square, and the correct machining for hardware has been applied.

Ensure the frame is the correct size, square, plumb, level and in plane.

Hang product according to the requirements of the frame the product is being installed into.

Check for proper fit without jamming or binding, and correct operation of hardware and seals.

Remove any dirt or debris from the product and wash any cement splashes immediately.

Maintenance requirements:

In corrosive environments, such as in coastal areas, frequently wash RESOLUTE FLUSH DOORS with a mild detergent to prevent buildup of salt, pollution or grime. In all other environments, wash every 6 months with a mild detergent. Do not use solvents on paints or powder coats.

Scratches in RESOLUTE FLUSH DOORS wet spray finish can be repaired with repair kits from Parkwood.

Glass surfaces of RESOLUTE FLUSH DOORS may be cleaned with a sponge or soft cloth and warm water with mild detergent, or with proprietary glass cleaning products. Abrasive materials should not be used to clean or wipe glass, as this will cause damage to the glass surface.

All seals, hinges and other hardware should be checked annually for proper fit and operation, and to ensure all screws and fixings remain tight.