THERMTEK FLUSH DOORS INFORMATION SHEET

CLASS 2

Product name:	Product line:
THERMTEK FLUSH DOORS	THERMTEK ALUMINIUM DOORS
Version:	**Date:**
A	06/12/2023

Product description and intended use:

THERMTEK FLUSH DOORS comprise of a range of thermally improved aluminum entrance doors.

THERMTEK FLUSH DOORS are intended to be used for new residential construction and renovations.

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

THERMTEK FLUSH DOORS are available in sizes up to 3000mm high by 1500mm wide, with varying glazing configurations and vee grooving patterns.

Product identifier:	Place of Manufacture:
ALFL, ALVV, ALHV, ALSV, ATFL, ATVV, ATHV, ATSV	New Zealand

Manufacturer:

Parkwood Products Limited

NZBN: 9429039635891

www.parkwooddoors.co.nz

Address:

6 Rakau Road,

Castlecliff,4501,

Whanganui,

New Zealand

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sales@parkwooddoors.co.nz

Importer:

N/A

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 THERMTEK FLUSH DOORS is expected to contribute to compliance:

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

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

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

E3 Internal moisture—THERMTEK FLUSH DOORS contain IGU's which reduce condensation compared to single glazing. Where open extrusions are used, THERMTEK FLUSH DOORS have internal drainage preventing moisture from entering the home.

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

H1 Energy efficiency—THERMTEK FLUSH DOORS comply with energy efficiency requirements when the R-value of THERMTEK FLUSH DOORS are equal to or greater than that specified by the project requirements. THERMTEK 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.

G Services and Facilities—THERMTEK FLUSH DOORS have acoustic ratings available tested to NZS717.1:2004. Acoustic ratings are available on request.

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 THERMTEK FLUSH DOORS:

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

THERMTEK FLUSH DOORS is not intended for commercial use, or for use with commercial door closers. It is not suitable for industrial buildings, institutional assembly or commercial applications.

THERMTEK 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.

THERMTEK FLUSH DOORS is not suited in exceptionally corrosive environments, such as those created by industrial or geothermal atmospheres.

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

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

- New residential construction, including housing and apartments, and associated buildings.
- Timber frame construction.
- All aluminum joinery suites with a suitable door rebate.

Where the specification of THERMTEK FLUSH DOORS is the following:

- Max size 3000mm high by 1500mm wide,
- Installation that follows common Acceptable Solutions such as E2/AS1, F4/AS1, G4/AS1, G7/AS1 and H1/AS1,
- Powder coat finish to Dulux or Interpon powder coat colors, or wet spray paint to any Dulux, Resene or RAL color.

The following must be specified when ordering THERMTEK FLUSH DOORS:

- Overall size and style,
- Color,
- 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 THERMTEK 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 THERMTEK FLUSH DOORS powder coat finish can be repaired with repair kits from Dulux Industrial Coatings.

Glass surfaces of THERMTEK 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.