

Address for service:

STREET NAME	2150 State Route 39	SUBURB
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CITY, COUNTRY	Sugarcreek, OH. USA	POSTCODE	44681
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Website:

Email address:

Phone No. (if applicable):

Legal name of the importer (if applicable):

ThermaScreen Windows LTD

Trading name of the importer (if applicable):

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New Zealand Business Number (NZBN):

Other Legal Entity Identifier (if available):

Address for service:

STREET NAME	12 Devon Road	SUBURB	Frankton
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CITY, COUNTRY	Hamilton, NZ	POSTCODE	3204
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Website:

Email address:

Phone No. (if applicable):

Relevant Building Code clauses:

<ul style="list-style-type: none"> • B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 B1.3.4. • B2 Durability: Performance clauses B2.3.1(b) and B2.3.2. • C4 Movement to a place of safety: Performance clauses C4.3 and C4.5 • D1 Access Routes: Performance clause D1.3.1 (b). • E2 External Moisture: Performance clause E2.3.2 and E2.3.7. • E3 Internal Moisture: Performance clause E3.3.1 • F2 Hazardous Building Materials: Performance clauses F2.3.1, F2.3.2, F2.3.3. • F4 Safety from Falling: Performance F4.3.1 and F4.3.4. • F9 Means of restricting access to residential pools: Performance clause F9.3.4 • G4 Ventilation: Performance G4.3.1 and G4.3.3 • G7 Natural Light: Performance G7.3.1 and G7.3.2. • H1 Energy Efficiency: Performance clauses H1.3.1, H1.3.2E and H1.3.3.

Statement on how the building product is expected to contribute to compliance:

- B1.3.1, B1.3.2, B1.3.3 and B1.3.4: Aspect or Endure Windows or Doors has been certified in accordance with SNZ TS 4211:2022 (2022 classification type) and with NZS 4211:2008, and is fabricated to the structural requirements of the Wind Zone specified in the project requirements. Aspect or Endure Windows or Doors are glazed to comply with NZS 4223.3:2016 where specified in the project requirements because human impact may occur.
- B2.3.1(b) and B2.3.2: Aspect or Endure Windows or Doors can be finished to provide a durability of at least 15 years in all Exposure Zones. Durability is dependent on Aspect or Endure Windows or Doors being installed and maintained in accordance with ThermaScreen Windows LTD requirements. IGUs comply with the requirements of NZS 4223.2: 2016.
- C4.3 and C4.5: Aspect or Endure Doors can be used within an escape route where relevant considerations are specified in the project requirements.
- D1.3.1(b): Aspect or Endure Doors can be used within an access route where relevant considerations are specified in the project requirements.
- E2.3.2 and E.2.3.7: Aspect or Endure Windows or Doors has been certified in accordance with SNZ TS 4211:2022 (2022 classification type) and with NZS 4211:2008, and is fabricated to the water penetration requirements of the Wind Zone specified in the project requirements. Aspect or Endure Windows or Doors is suitable for installation in accordance with Acceptable Solution E2/AS1 Installation details provided by other parties such as architects and cladding system suppliers may also be suitable.
- E3.3.1: Aspect or Endure Windows or Doors are glazed with IGUs to the project requirements, and does not require condensation collection channels to meet the requirements of E3/AS1 Second Edition Amendment 7, Paragraph 1.3 Condensation control.
- F2.3.1, F2.3.2 and F2.3.3: Aspect or Endure Windows or Doors are safe when handled in accordance with installation instructions. Aspect or Endure Windows or Doors is fabricated to comply with NZS 4223.3:2016 where specified in the project requirements.
- F4.3.1 and F4.3.4: Aspect or Endure Windows or Doors can be fabricated with opening restrictors to comply with F4/AS1 Third Edition Amendment 2, Paragraph 2.0 Opening Windows, where relevant considerations are specified in the project requirements.
- F9.3.4: Aspect or Endure Windows or Doors may be fabricated with restrictors, door closers and swimming pool barrier latches fitted to opening windows or doors within a wall that forms part of a residential pool barrier. Residential pool barrier designs may comply with F9/AS1 First Edition, or with an alternative design provided by other parties. Aspect or Endure Windows or Doors do not include warning signs and door alarms: if these are required by the design then they may be supplied and installed on site by others.
- G4.3.1 and G4.3.3: Aspect or Endure Windows or Doors can be fabricated with opening sashes of type and dimensions specified in the project requirements to help provide building ventilation. Ventilation design may comply with G4/AS1 Fourth Edition, Paragraph 1.2 Natural ventilation, or an alternative ventilation system design which utilises opening window sashes and is provided by other parties such as mechanical services engineers could be suitable.
- G7.3.1 and G7.3.2: Aspect or Endure Windows or Doors can be fabricated with the area and Visible Light Transmittance (VLT) of glazing specified by the project requirements to help provide natural light and awareness of the outside. Glazing design may comply with G7/AS1 Second Edition or G7/AS2 First Edition, or an alternative glazing design provided by other parties such as lighting engineers could be suitable.
- H1.3.1(a), and H1.3.2E: ECO SERIES A113 JOINERY can be fabricated with IGUs made from a range of possible glass, spacer and infill gas types, to suit the window insulation (R-value) requirements of the project. Depending on the window or door type, dimensions and IGU type, R-values between R0.61 and R1.2 can be provided, determined in accordance with either H1/AS1 Fifth Edition Amendment 1, Table E1.1.1, or with H1/VM1 Fifth Edition Amendment 1, Paragraph E1.

RELEVANT STANDARDS

Aspect or Endure Windows or Doors , and/or its component parts, are tested, fabricated and specified to comply with the following standards, as relevant to the project specifications:

- SNZ TS 4211:2022 Specification for the classification of windows (2022 classification type)
- NZS 4211:2008 Specification for the performance of windows
- NZS 4223 Code of practice for glazing in buildings - Part 1:2008 Glass selection and glazing
- NZS 4223 Code of practice for glazing in buildings - Part 2:2016 Insulating glass units
- NZS 4223 Code of practice for glazing in buildings - Part 3:2016 Human impact safety requirements
- NZS 4223 Code of practice for glazing in buildings - Part 4:2008 Dead, wind and snow loading
- NZS 3602:2003 Timber and wood-based products for use in buildings

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

Aspect or Endure Windows or Doors are not fire resisting glazing and cannot provide a fire resistance rating.
 Aspect or Endure Windows or Doors are not suitable for use in high-use situations such as commercial, institutional assembly or industrial buildings.

Design requirements that would support the use of the building product:

Aspect or Endure Windows or Doors are designed for, but is not limited to, use in projects within the following scope:

- Housing and residential apartment buildings, and their associated ancillary and outbuildings.
- Building height up to three storeys or 10 m.
- Timber framed construction.
- All Wind Zones up to and including Very High for sliding windows, and Extra High for awning, fixed, casement, and sliding doors.
- All Exposure Zones, except in microclimates where there is evidence of corrosion in adjacent structures caused by industrial or geothermal atmospheres.
- Overall door or window size up to 4.88 m wide x 2.44 m high. Limitations on the configuration, maximum dimensions, and weights of individual panels also apply, and are dependent on the panel type.
- Maximum IGU thickness is 26 mm.
- Design and installation that follows common Acceptable Solutions such as E2/AS1, F4/AS1, G4/AS1, G7/AS1 and H1/AS1.
- Colour additives, paints, and films are available.
- Timber reveals can be factory applied and come in different finishes.

Aspect or Endure Windows or Doors may be used in projects outside this scope if other parties such as architects or cladding system suppliers establish appropriate design and installation requirements.

Aspect or Endure Windows or Doors has an air permeability class of 3 (determined in accordance with SNZ TS 4211) and achieves an air infiltration rating for air-conditioned buildings (determined in accordance with NZS 4211). Controlling air permeability and infiltration helps prevent heat losses from buildings.

Aspect or Endure Windows or Doors are custom fabricated to the requirements of each project. Prior to fabrication, the following project selections must be confirmed by the specifier:

- Unit size.
- Opening panel size(s) and type(s), and configuration of fixed and opening panels, including any specific requirements for doors that are on access routes or escape routes.
- Project Wind Zone.
- Project Exposure Zone.
- IGU performance selections, including R-value, Low-E requirements, gas fill type, and safety glazing requirements.
- Safety fittings and hardware: restrictors, door closers and swimming pool barrier latches to be fitted where an opening window or door requires features for safety from falling or is within a wall that forms part of a residential pool barrier.
- Colour requirements for frames and components.
- Any special requirements for timber reveals, if desired.

Installation requirements *(also provide link to the product installation guide):*

- Ensure that the joinery is protected from dust, debris, and moisture if stored prior to installation.
- Inspect joinery thoroughly before beginning installation to ensure it is free from any defects and damage, including damage caused during transit and delivery.
- Check the dimensions and fit of each unit against the rough opening.
- Install the door in accordance with the consented or design drawings and with ThermaScreen Windows Ltd installation requirements.
- Ensure door and window units are installed plumb, level, and in plane, within the tolerances set out in the MBIE Guide to materials, tolerances, and workmanship in residential construction.
- Check and adjust all seals and operating hardware to ensure good fit and proper operation and function without jamming or gaps.
- Ensure drain holes are clear of dirt and debris following installation.

Maintenance requirements *(also provide link to the product maintenance guide):*

- * Keep sill tracks and weatherstripping clean of dirt and debris
- * Keep all weep holes free of obstructions
- * Inspect exterior caulking regularly and replace when necessary (if applicable)
- * Clean and check operation of hardware and weatherstripping regularly and repair if necessary
- * If moisture is present, determine the source and stop its entry and accumulation. Dry any interior areas to mitigate damage to your home
- * Clean uPVC materials with mild soap and water. Avoid cleaners that mar or scratch the uPVC. Abrasive cleaners will scratch the surface and are not recommended.
- * Maintain and polish hardware with a non-abrasive automotive or furniture wax.
- * Tighten screws when necessary
- * Lightly oil as needed, wipe off excess
- * Do not use paint thinner, lacquer thinner, gasoline, kerosene, or any other harsh chemicals to clean surfaces or hardware
- * Glass surfaces may be cleaned with a sponge or soft cloth and warm water with mild detergent, or with dedicated glass cleaning products. Abrasive materials should NOT be used to clean or wipe glass.

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

Yes No

If yes, description of the warning or ban under section 26:

Version:

01

Date:

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06 | 03 | 2024