

# Juralco® Rolline™ Frameless Glass Sliding Door System

BPIR Declaration Version 06-24 v1

Designated building product Class 2

## Declaration

Juralco Aluminium Building Products Ltd trading as Juralco has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

## Product/system

|                   |   |
|-------------------|---|
| <b>Name</b>       | Juralco® Rolline™ Frameless Glass Sliding Door System |
| <b>Line</b>       | -   |
| <b>Identifier</b> | -   |

## Description

The Juralco Rolline Frameless Glass Sliding Door System is fitted with 10 or 12mm Toughened Glass up to 3.0m wide and 2.7m high but maximum Glass weight 200kg all depending on Wind Zones. External non waterproof applications are available for Low wind zones. The system is especially suitable for high end internal Residential and Commercial applications.

# Juralco® Rolline™ Frameless Glass Sliding Door System



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## Scope of use

### Rolline™ Frameless Glass Sliding Panel System

- Commercial or Residential applications
- Internal use
- External use available in low wind zone areas
- Occupancy Types as per AS/NZ 1170.1.2002
- AS/NZS 1170.0-2002 Structural Design Actions-Part 0: General Principals
- AS/NZS 1664.1:1997 Aluminium structures limit state design
- NZS4223.3:2016 Glazing in buildings - Human impact and safety requirements
- NZS4223.4:2008 Glazing in buildings
- Note: The Juralco Rolline Frameless Glass Sliding Panel System is NOT a barrier for Safeguard from Falling (F4)
- Note: This Door CANNOT be considered as an access route as detailed in Building Code Clause D1 Access Routes

## Conditions of use

- Only extrusions, components and hardware supplied by or specified by JABP may be used in the Rolline Frameless Glass Sliding Door System
- Aluminium extrusions, components, and hardware, unless specified are manufactured to 6060 T5 specifications.
- Stainless Steel components, hardware, fixings – All components to 316 grade
- The Juralco Rolline Frameless Glass Sliding Door System manual details all extrusions and components used for the fabrication and installation/fixing of the system
- A Producer Statement 1(Design) is available. Copies of the above documents are available from: Juralco Aluminium Building Products Ltd 48 Bruce McLaren Rd, Henderson, Auckland Phone 09 478 8018 Fax 09 478 7883 Email [specify@juralco.co.nz](mailto:specify@juralco.co.nz)
- Any deviation from the standard fabrication or installation/fixing must be accompanied by a site specific PS1 with site specific calculations and drawings
- The Juralco Rolline Frameless Glass Sliding Door System must only be installed in accordance with the Juralco Rolline Frameless Glass Sliding Door System manual. Any deviation from that specified in Juralco Rolline Frameless Glass Sliding Door System manual must only be in accordance with the site specific PS1 with site specific calculations and drawings listing the non-standard details
- The Juralco Rolline Frameless Glass Sliding Door System must only be fabricated/installed by a Juralco approved fabricator
- Upon completion of the installation the fabricator must supply the owner with a PS3 (Construction)

## Relevant building code clauses

|           |                              |  |
|-----------|------------------------------|--|
| <b>B1</b> | Structure                    | B1.3.1, B1.3.2, B1.3.3 (c, f, h, j, m), B1.3.4 |
| <b>F2</b> | Hazardous building materials | 2.3.1, F2.3.3                                  |

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## Contributions to compliance

### NZBC Compliance

- Juralco Rolline™ Frameless Glass Sliding Door System has been reviewed by Lautrec Technology Group Ltd to demonstrate compliance with the structural requirements of the New Zealand Building Code
- The Structural Engineering design includes the requirements of B1 Structure, F2 Hazardous material, all from the Building Code.
- Verification method B1/VM1; AS/NZS 1170:2021; AS/NZS 1664.1:1997; NZS AS 1720.1:2022; NZS 3101:2006; NZS 3404:1997

## Supporting documentation

The following additional documentation supports the above statements:

|                                   |                  |  |
|-----------------------------------|------------------|--|
| <b>BA Edge Balustrade</b>         | 06-24v1          | <a href="http://www.juralco.co.nz/assets/Uploads/Eboss/DW-Rolline-Sliding-Glass-Doors-6-24-v1.pdf">www.juralco.co.nz/assets/Uploads/Eboss/DW-Rolline-Sliding-Glass-Doors-6-24-v1.pdf</a> |
| <b>Producer Statement Request</b> | 06-24v1          | <a href="https://ps1.juralco.co.nz/">https://ps1.juralco.co.nz/</a>  |
| <b>Juralco Warranty</b>           | 03 December 2024 | <a href="http://www.juralco.co.nz/assets/Juralco-Warranty-Sheet-2022.pdf">www.juralco.co.nz/assets/Juralco-Warranty-Sheet-2022.pdf</a>   |

For further information supporting Juralco® Rolline™ Frameless Glass Sliding Door System claims refer to our website.

# Juralco® Rolline™ Frameless Glass Sliding Door System



## BPIR Declaration

## Contact details

|  |  |
|--|--|
| Manufacture location                   | New Zealand  |
| Legal and trading name of manufacturer | Juralco Aluminium Building Products Ltd trading as Juralco       |
| Manufacturer address for service       | 48 Bruce McLaren Rd, Henderson, Auckland 0612                    |
| Manufacturer website                   | <a href="http://www.juralco.co.nz">www.juralco.co.nz</a>         |
| Manufacturer email                     | <a href="mailto:specify@juralco.co.nz">specify@juralco.co.nz</a> |
| Manufacturer phone number              | 0508 880 088   |
| Manufacturer NZBN                      | 9429037383664  |

## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore, to the best of my knowledge, correct.

I can also confirm that the Juralco® Rolline™ Frameless Glass Sliding Door System is not subject to a warning on ban under s26 of the Building Act.

Signed for and on behalf of **Juralco Aluminium Building Products Ltd trading as Juralco:**

*Grant Boyce*

**Grant Boyce**

Director

December 2024

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**JURALCO ALUMINIUM BUILDING PRODUCTS LTD TRADING AS JURALCO**

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09 478 8018

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## Appendix

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### BPIR Ready selections

**Category:** Custom (Other)

### Building code performance clauses

#### B1 Structure

##### B1.3.1

*Buildings, building elements and sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction or alteration* and throughout their lives.

##### B1.3.2

*Buildings, building elements and sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction or alteration* when the *building* is in use.

##### B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements and sitework*, including:

- (c) temperature
- (f) earthquake
- (h) wind
- (j) impact
- (m) differential movement

##### B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the building,
- c. effects of uncertainties resulting from construction activities, or the sequence in which construction activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of buildings.

#### B2 Durability

##### B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

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### B2.3.2

Individual *building elements* which are components of a *building* system and are difficult to access or replace must either:

- all have the same durability
- be installed in a manner that permits the replacement of building elements of lesser durability without removing building elements that have greater durability and are not specifically designed for removal and replacement

## D1 Access Routes

### D1.3.3

Access routes shall:

- (j) Have smooth, reachable, and graspable handrails to provide support and to assist with movement along a stair or barrier
- (k) have handrails of adequate strength and rigidity as required by Clause B1 Structure

## F2 Hazardous building materials

### F2.3.1

The quantities of gas, liquid, radiation, or solid particles emitted by materials used in the *construction of buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

### F2.3.3

Glass or other brittle materials with which people are likely to come into contact shall:

- a. if broken on impact, break in a way which is unlikely to cause injury or
- b. resist a reasonably foreseeable impact without breaking, or
- c. be protected from impact.

## F4 Safety from falling

### F4.3.1

Where people could fall 1 metre or more from an opening in the external envelope or floor of a *building*, or from a sudden change of level within or associated with a *building*, a barrier shall be provided.

## F9 Means of restricting access to residential pools

### F9.3.1

*Residential pools* must have or be provided with physical barriers that restrict access to the pool or the *immediate pool* area by unsupervised young children (i.e., under 5 years of age).

### F9.3.3

A barrier surrounding a *pool* must have no permanent objects or projections on the outside that could assist children in negotiating the barrier. Any gates must

- a. open away from the pool; and
- b. not be able to be readily opened by children; and
- c. automatically return to the closed position after use.