

# Juralco Glass Pool Gate System

## BPIR Declaration

Version: 3-23 v1

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### Designated building product: Class 2

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### Declaration

Shadelite Industries Limited trading as HomePlus Whangarei has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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### Product/system

Name	Juralco Glass Pool Gate System
Line	
Identifier	

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### Description

The Juralco Glass Pool Gate System uses 10mm or 12mm Toughened Glass panels. The system is suitable for Glass to Glass gates (Juralco Mini Post and Infinity systems) or for Post to Glass (Juralco EDGE system)

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### Scope of use

The installation manual details the documents the Juralco Glass Pool Gate refers to in relation to the New Zealand Building Code, the manufacturer's documents, products used in the System, and requirements in relation to fixing and surface finishings.

Suitable for all Juralco Frameless Glass Balustrade systems 10 or 12mm toughened glass panels used Suitable for Glass-to-Glass gates: Juralco Mini Post and Infinity systems Suitable for Post-to-Glass Juralco Edge system The glass must have a minimum strength of 100MPa The system utilises adjustable hydraulic self-closing hinges (non-hold open) and a magnetic latch Complies with the structural requirements of the New Zealand Building Code and AS/NZS 1170: 2002 occupancy A, A Other, and C3 NZS 3604 Low, Medium, High, Very High Wind Zone, max design wind pressure 2.39 kPa

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## Conditions of use

- Only extrusions, components and hardware supplied by or specified by JABP may be used in the Juralco Glass Pool Gate.
- 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 Glass Pool Gate must only be installed in accordance with its Manual.
- Any deviation from that specified in the Juralco Glass Pool Gate manual must only be in accordance with the site-specific PS1 with site-specific calculations and drawings listing the non-standard details.
- The Juralco Glass Pool Gate 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).

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## Relevant building code clauses

**B1 Structure** – B1.3.1, B1.3.2, B1.3.3 (f, h, j), B1.3.4

**B2 Durability** – B2.3.1 (a), B2.3.2 (a, b)

**F2 Hazardous building materials** – F2.3.1

**F9 Means of restricting access to residential pools** – F9.3.1, F9.3.2 (a), F9.3.3

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## Contributions to compliance

NZBC Compliance

- The Juralco Glass Pool Gate has been reviewed by Lautrec Technology Group Ltd to demonstrate compliance with the structural requirements of the New Zealand Building Code and AS/NZS 1170: 2002 occupancy A, A Other and C3, NZS 3604 Low, Medium, High, Very High Wind Zone, max design wind pressure 2.39 kPa.
- The Structural Engineering design includes Building Code requirements, B1 Structure, B2 Durability, F2 Hazardous material, and Clause F9
- Verification Method B1 / VM1, B2/AS1
- Complies with NZS 4223.3.2016. A Producer Statement 1(Design) is available.

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## Supporting documentation

The following additional documentation supports the above statements:

GT Glass Pool Gate	3-23 v1	<a href="https://www.homeplus.co.nz/assets/Uploads/resources/GT-Glass-Pool-Gate-3-23-v1.pdf">https://www.homeplus.co.nz/assets/Uploads/resources/GT-Glass-Pool-Gate-3-23-v1.pdf</a>
Producer Statement Request	3-23 v1	<a href="https://ps1.homeplus.co.nz/">https://ps1.homeplus.co.nz/</a>
HomePlus Warranty	11 December 2023	<a href="https://www.homeplus.co.nz/warranty/">https://www.homeplus.co.nz/warranty/</a>
Fences and Gates Care and Maintenance	11 December 2023	<a href="https://www.homeplus.co.nz/warranty/care-and-maintenance/fences-and-gates-care-and-maintenance/">https://www.homeplus.co.nz/warranty/care-and-maintenance/fences-and-gates-care-and-maintenance/</a>

For further information supporting Juralco Glass Pool Gate System claims refer to our website.

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## Contact details

Manufacture location	New Zealand
Legal and trading name of manufacturer	Shadelite Industries Limited trading as Home Plus Whangarei
Manufacturer address for service	34 Albert Street Whangarei 0110
Manufacturer website	<a href="https://www.homeplus.co.nz/find-us/whangarei/">https://www.homeplus.co.nz/find-us/whangarei/</a>
Manufacturer email	<a href="mailto:whangarei@homeplus.co.nz">whangarei@homeplus.co.nz</a>
Manufacturer phone number	09 438 9452
Manufacturer NZBN	9429040423333

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## 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 Juralco Glass Pool Gate System is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Shadelite Industries Limited trading as HomePlus Whangarei**:

*Grant Hamilton*

Grant Hamilton  
OWNER/DIRECTOR  
December 2023

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**SHADELITE INDUSTRIES LIMITED TRADING AS HOMEPLUS WHANGAREI**  
34 Albert Street Whangarei 0110 New Zealand  
09 438 9452 | <https://www.homeplus.co.nz/find-us/whangarei/>

# Appendix

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## BPIR Ready selections

Category: Pool fencing

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## 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:

- (f) earthquake
- (h) wind
- (j) impact

#### 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:

- (a) 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

#### B2.3.2

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

- (a) all have the same durability
- (b) 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

## 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.

## 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).

#### F9.3.2

Barriers must either:

- (a) surround the pool (and may enclose the whole or part of the immediate pool area)

#### 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.