

# Juralco Louvrelite® Architectural Louvre System

**BPIR Declaration** Version 11-25v1

**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>	<b>Juralco Louvrelite® Window Surround System</b>
<b>Line</b>	-
<b>Identifier</b>	-

## Description

The Louvrelite Architectural Louvre System is an elegant bespoke solution engineered to elevate and soften the exterior aesthetic of any building, from stand-alone home entranceways to multilevel buildings.

Designed with architectural flexibility in mind, Louvrelite Architectural Louvres enables creative configurations that will seamlessly integrate with contemporary facades. Whether used to soften the visual impact of large structures, enhance solar control, or introduce dynamic shading elements, Louvrelite Architectural Louvres empowers architects to craft visually compelling designs.

Beyond its aesthetic appeal, Louvrelite Architectural Louvres deliver practical advantages, including privacy screening, security enhancement, and balustrade integration, making it ideal for mixed-use developments, residential complexes, and commercial buildings.

The system's flexibility supports a wide range of decorative applications, allowing for creative freedom in façade design while meeting environmental and construction demands. With Louvrelite Architectural Louvres, architects can achieve a refined architectural appeal that responds to both climatic conditions and urban design aspirations.

# Juralco LouvreLite® Architectural Louvre System



## BPIR Declaration

## Scope of use

### Juralco LouvreLite® Architectural Louvre System

This specification details the documents the Juralco LouvreLite® Architectural Louvre System 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.

- LouvreLite® Architectural Louvre System is for Domestic and Residential Occupancy types A, A Other, B, C3 and E Occupancy Types as per AS/NZ 1170.1.2002.
- Suitable for all areas within or serving exclusively one dwelling, including stairs, landings, etc, but excluding external balconies and edges of roofs.
- Stairs, landings, external balconies, edges of roofs, etc.
- Light access stairs and gangways not more than 600mm wide. Fixed platforms, walkways, stairways and ladders for access. Areas not susceptible to overcrowding in office and institutional buildings; also, industrial and storage buildings.
- NZS 3604 Low, Medium, High, Very High and Extra High Windzone. 2.5kPa

## Conditions of use

- Only extrusions, components and hardware supplied by or specified by JABP may be used in the Juralco LouvreLite® Architectural Louvre 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 LouvreLite® Architectural Louvre System must only be installed in accordance with its Manual
- Any deviation from that specified in the Juralco LouvreLite® Architectural Louvre 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 LouvreLite® RHS Architectural Louvre 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>B2</b>	Durability	B2.3.1 (a), B2.3.2 (a, b)
<b>F2</b>	Hazardous building materials	F2.3.1, F2.3.3
<b>F4</b>	Safety from falling	F4.3.1

## Contributions to compliance

### NZBC Compliance

- The Juralco LouvreLite® Architectural Louvre System 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, B, E, and C3, NZS 3604 Low, Medium, High, Very High and Extra High Windzone. 2.5kPa
- The Structural Engineering design includes the requirements of B1 Structure, B2 Durability, F2 Hazardous material, F4/AS, all from the Building Code
- Verification Method B1 / VM1, B2/AS1
- Complies with NZS 4223.3.2016, NZS1170. NZS8500

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## Supporting documentation

The following additional documentation supports the above statements:

<b>SH Architectural Louvre System</b>	11-25v1	<a href="http://www.juralco.co.nz/assets/Uploads/resources/SH-Architectural-Louvre-System-11-25-v1.pdf">www.juralco.co.nz/assets/Uploads/resources/SH-Architectural-Louvre-System-11-25-v1.pdf</a>
<b>Producer Statement Request</b>	11-25v1	<a href="https://ps1.juralco.co.nz/">https://ps1.juralco.co.nz/</a>
<b>Juralco Warranty</b>	02 December 2025	<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 Louvrelite® Architectural Louvre System claims refer to our website.

# Juralco Louvrelite® Architectural Louvre 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 Louvrelite® Window Surround 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 2025

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

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## Appendix

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### BPIR Ready selections

**Category:** Other (Custom)

### 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.

## BPIR Declaration

### 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

#### 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.