

# Juralco® SunFold® Outdoor Living System

## BPIR Declaration

Version: 3-24 v1

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### Designated building product: Class 2

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### Declaration

#### Product/system

<b>Name</b>	Juralco® SunFold® Outdoor Living System
<b>Line</b>	
<b>Identifier</b>	

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#### Description

The Juralco® SunFold® Outdoor Living System is a solution for extra outdoor shelter for your home. The high-quality extruded aluminium structure and louvres can be custom powder coated in a colour of your choice. The motorised ceiling louvres when closed form a more weatherproof seal. They can also be retracted for you to enjoy the full sky. The structure can be added to, with drop-down screens, aluminium sliding screens or sliding Glass doors on any side or all sides.

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#### Scope of use

Juralco® SunFold® Outdoor Living System

- Juralco® SunFold® opening louvre roofs are a permanent outdoor living system providing weather protection in a range of outdoor areas including patios, decks, extended courtyards, pool areas, cafe and bar courtyards, outdoor shopping areas etc.
- The Juralco® SunFold® Outdoor Living System is wholly manufactured by Juralco and supplied as a kitset. All are pre-manufactured, assembled and tested in the factory before disassembly, packing and dispatch. All assembled on site - no need for heavy lifting.
- This installation manual details the documents the Juralco® SunFold® Outdoor Living 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 finishes.

- Juralco® SunFold® Outdoor Living system configurations and sizes are affected by Wind Zone restrictions. For clarification refer to Configurations in the installer manual

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Juralco® SunFold® Outdoor Living System is built from the following sub-systems:

- Louvres. One type only. Pivot pin at one end; designed to provide a more weatherproof seal when closed. Motorised only Retracting to either end to open to the sky. Options to retract to LH or RH ends.
- Posts. These are a two-part post, with inner Stainless-Steel angles top and bottom. At ground level, they can be connected to foundations in a variety of ways, including a hidden base plate. Hidden drainage down pipe in one Post per Bay
- Beams. The Beams contain all the pivots for Louvre retraction and the Motor actuator All these beams are of two types, depending on Wall attachments or corner Posts All beams have a hidden drainage channel on all sides to catch rain.
- Drop-down Screens. Screens from the SolarZip® range can be completely hidden inside the Frames thus making this a very useable extra all-weather space.
- Sliding Glass Doors. From the Glaslide range of 10, 12 or 15mm Glass panels. Refer to the 'Glaslide Sliding Glass Doors' Manual
- For larger installations multi-bay set out is possible.
- LED lighting can be incorporated in the Top Frame.

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## Conditions of use

- Scope - This specification details the documents the Juralco SunFold® Outdoor Living System refers to in relation to the New Zealand Building Code, the manufacturer's documents, products used in the System, requirements in relation to fixing and surface finishes.
- Manufacturer's Documents - The Juralco SunFold® Outdoor Living System manual details all extrusions and components used for the fabrication and installation/fixing of the system. - Manuals 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)
- Products - Only extrusions, components and hardware supplied by or specified by JABP may be used in the SunFold® Outdoor Living System - Stainless Steel components, hardware, fixings - all components to 316 grade or 304.
- Surface Finishing - Juralco Aluminium Building Products Ltd is a Dulux Registered Applicator site, registration number 2101. JABP uses only Dulux branded powder coating materials - Dulux Duralloy® powder coating systems are suitable for properties greater than 100m from high tide level AAMA 2603 performance. Residential buildings, 3 levels max. Warranty 10 yrs - Dulux Duralloy Plus® powder coating systems are suitable for properties greater than 10m from high tide level. AAMA 2603 performance. Residential and Light commercial buildings, 3 levels max Warranty 15 yrs - Dulux Duratec® powder coating systems are suitable for properties greater than 10m from high tide level AAMA2603 and 2604 performance. All Residential and Commercial buildings. Warranty 25 yrs.
- Installation and Fixing - The Juralco SunFold® Outdoor Living System must only be installed in accordance with the Juralco SunFold® Outdoor Living System manual - The SunFold® system Structure and Footings are based on NZS 3604:2011 and NZS 1170 Appendix D, Wind Zone calculations.

Juralco SunFold Living Systems - Structural - Typical Post Fixings to Timber Decks  
Complies with NZS3604:2011 - Double Boundary Joists.

**NOTE: Important Installation notes:**

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - All Fixings must be Stainless steel

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## Relevant building code clauses

**B1 Structure**  
**F2**

**B1/VM1: NZS 1170: 2021, NZS 1664.1:1997; NZS AS 1720.1.2022; NZS 3101:2006, NZS 3404:1997; NZS 4223.3:2016; NZS 4223.4:2008**

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## Contributions to compliance

### NZBC Compliance

- The Juralco® SunFold® Outdoor Living System has been reviewed by Lautrec Technology Group Ltd to demonstrate compliance with the structural requirements of the New Zealand Building Code and B1/VM1: NZS 1170: 2021, NZS 1664.1:1997; NZS AS 1720.1.2022; NZS 3101:2006, NZS 3404:1997; NZS 4223.3:2016; NZS 4223.4:2008
- Designed and manufactured in New Zealand, Juralco® SunFold® Louvre Roof Systems have been engineered and tested by independent engineers to comply with NZS3604:2011 wind zone and snow loading calculations.
- Compliance Documents issued by the Ministry of Business, Innovation & Employment
- Juralco has supplied Engineered calculations for the attachment of the Juralco® SunFold® Outdoor Living System systems to the ground, timber decks, walls, and soffits, all conforming to NZS1170, Appendix D
- While Juralco has calculated the uplift forces involved with differing connections to differing areas and wind zones Juralco can only guarantee the suitability of the Initial connection. All subsequent connections and strengthening to a structure are the clear responsibility of the builder/ installer. The Concrete foundation calculations do however conform to NZS 1170 Appendix D and can be used with safety.

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## Supporting documentation

The following additional documentation supports the above statements:

Juralco® SunFold® Outdoor Living System	3-24 v1	<a href="https://www.homeplus.co.nz/assets/Uploads/resources/SH-SunFold-Outdoor-Living-System-3-24-v1.pdf">https://www.homeplus.co.nz/assets/Uploads/resources/SH-SunFold-Outdoor-Living-System-3-24-v1.pdf</a>
Producer Statement Request	3-24 v1	<a href="https://ps1.homeplus.co.nz/">https://ps1.homeplus.co.nz/</a>
HomePlus Warranty	3-24 v1	<a href="https://www.homeplus.co.nz/warranty/">https://www.homeplus.co.nz/warranty/</a>
Louvre Roof Care and Maintenance	11 December 2023	<a href="https://www.homeplus.co.nz/warranty/care-and-maintenance/louvre-roof-care-and-maintenance/">https://www.homeplus.co.nz/warranty/care-and-maintenance/louvre-roof-care-and-maintenance/</a>

For further information supporting Juralco® SunFold® Outdoor Living System claims refer to our website.

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## Contact details

Manufacture location	New Zealand
Legal and trading name of manufacturer	DBH Holdings Limited trading as HomePlus Tauranga
Manufacturer address for service	135 Totara Street Mount Maunganui 3116
Manufacturer website	<a href="http://www.homeplus.co.nz/find-us/tauranga/">www.homeplus.co.nz/find-us/tauranga/</a>
Manufacturer email	<a href="mailto:tauranga@homeplus.co.nz">tauranga@homeplus.co.nz</a>
Manufacturer phone number	07 574 7281
Manufacturer NZBN	9429051071332

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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® SunFold® Outdoor Living System is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **DBH Holdings Limited trading as HomePlus Tauranga:**

*David Hannah*

David Hannah  
DIRECTOR/OWNER  
March 2024

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