CodeMark

**Certificate no: CMNZ70232**
**Version: 0**
Original issue date: 12 October 2026
Version date: 12 October 2026

# Product Certificate

## Fuzhou ROPO uPVC Doors and Windows

### 1. Certificate Holder Details


**Fuzhou ROPO Building Materials Co., Ltd.**
#1107 Fusheng Mansion, No. 3 Fuxing Ave, Jin'an District, Fuzhou City, Fujian, 350014 China
benson@chinaropo.com
Ph: +86-591-87147106
www.ropowindows.com


### 2. Product Certification Body


**Bureau Veritas Australia Pty Ltd**
11/500 Collins Street
Melbourne VIC 3000 Australia
product.certification@bureauveritas.com
Ph: 1800 855 190
www.bureauveritas.com.au

**Complaints:** The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback


Sam Guindi – Bureau Veritas Product Certification Manager

### 3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use. Continuation of description can be found in item 10 – Supporting Information about Description. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

Fuzhou ROPO uPVC Doors and Windows are a range of uPVC material Doors and Windows fitted with double-glazed insulated glass units (IGUs).

Products include uPVC Fixed Window, uPVC Sliding Window, uPVC Awning + Fixed Window, uPVC Tilt & Turn + Fixed Window, uPVC Side-hinged Door and uPVC Sliding Door (Refer section 10 for models covered under this certificate).

### 4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use.

Fuzhou ROPO UPVC doors and windows are intended for external use in housing.

### 5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).
How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

**B1 Structure:** B1.3.1; B1.3.2; B1.3.4, for the relevant physical conditions of B1.3.3 (h, j)

**B2 Durability:** B2.3.1 (b); B2.3.1 (c) (for hardware)

**E2 External moisture:** E2.3.2; E2.3.7

**F2 Hazardous building materials:** F2.3.1; F2.3.3

**G4 Ventilation:** G4.3.1 (contributes to); G4.3.3 (contributes to)

**G7 Natural Light:** G7.3.1 (contributes to); G7.3.2 (contributes to)

**H1 Energy efficiency:** H1.3.1 (contributes to); H1.3.2E (contributes to)


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## 6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed. Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. Fuzhou ROPO uPVC Doors and Windows are certified for use in housing:
    a. within the scope of Acceptable Solution E2/AS1, and
    b. with claddings and details as described in Acceptable Solution, E2/AS1, and
    c. located in:
        i. wind Zones (as defined in NZS3604:2011 Timber framed buildings) for each model as follows:
            - ROPO AD70 FW - uPVC Fixed Window – Up to and including Very High
            - ROPO SS70 SW - uPVC Sliding Window – Up to and including Very High
            - ROPO AD70 AW - uPVC Awning + Fixed Window – Up to and including Extra High
            - ROPO AD70 TT - uPVC Tilt & Turn + Fixed Window – Up to and including Extra High
            - ROPO AD70 HD - uPVC Side-hinged Door – Up to and including Extra High
            - ROPO SS90 SL - uPVC Sliding Door – Up to and including Extra High, and
        ii. in all Exposure Zones, except microclimates, (as defined in NZS 3604).
2. Compliance with the performance clauses in Building Code clauses H1.3.1(a) and H1.3.2E shall be established using the generic construction R-values in Acceptable Solution H1/AS1, Table D.1.1.1 with either of the following:
    a. the calculation method in Acceptable Solution H1/AS1, or;
    b. the modelling method in H1/VM1.
3. Compliance with G4.3.1 and G4.3.3 for ventilation shall be established using the window net openable areas in accordance with G4/AS1 (for models with operable sashes, panels and sliding doors only).
4. Compliance with G7.3.1 and G7.3.2 for natural light shall be established using G7/AS1.
5. This certification does not cover evaluation and / or compliance of any screens associated with the product models.
6. Fuzhou ROPO uPVC Doors and Windows shall be installed in accordance with the Fuzhou ROPO uPVC Doors and Windows – Technical Manual, Version 5.0 - 05 February 2025.

## 7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH&S Statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

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## 8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure - By testing and comparison with provisions of Verification Method B1/VM1; Acceptable Solution E2/AS1; Building Product Specifications and referenced standard NZS 4211.
B2 Durability - By testing and comparison with the provisions of Verification Method B2/VM1.
E2 External Moisture - By testing and comparison with provisions of Acceptable Solution E2/AS1, Building Product Specifications and referenced standard NZS4211.
F2 Hazardous building materials - By comparison with provisions of F2/VM1 and F2/AS1.
G4 Ventilation - By comparison with the requirements of G4/AS1.
G7 Natural Light - By comparison with the requirements of G7/AS1.
H1 Energy Efficiency - By comparison with the requirements of H1/AS1.

## 9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. B1 Structure, Verification Method B1/VM1, Structural design of buildings, Second edition, 28 July 2025.
2. B2 Durability, Verification Method B2/VM1, Durability of buildings elements using in-service history, laboratory testing, and comparisons to similar materials, Third edition, 28 July 2025.
3. E2 External Moisture, Acceptable Solution E2/AS1, External moisture provisions for timber-framed buildings up to 10 m in height, Fourth edition, 28 July 2025.
4. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials First edition (Amendment 3), 1 January 2017.
5. G4 Ventilation Acceptable Solution G4/AS1 Ventilation of buildings, Fifth Edition, Effective 28 July 2025.
6. G7 Natural Light, Acceptable Solution G7/AS1 Natural Light for simple buildings up to three storeys excluding those with borrowed daylight, Second edition, 29 November 2021
7. H1 Energy Efficiency, Acceptable Solution H1/AS1, Energy efficiency for all housing, and buildings up to 300 $m^2$, Sixth Edition, 27 November 2025.
8. Building Product Specifications, First Edition, Amendment 1, 2 April 2026.
9. NZS 3604:2011 Timber framed buildings.
10. NZS 4211:2008 Specification for Performance of Windows.
11. Intertek, Fuzhou ROPO Building Materials Co., Ltd (ROPO AD70 FW - uPVC Fixed Window) Test Report No. 230407007SHF-013, 16 June 2023.
12. Intertek, Fuzhou ROPO Building Materials Co., Ltd (ROPO SS70 SW - uPVC Sliding Window) Test Report No. 230407007SHF-018-R1, 16 June 2023.

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13. Intertek, Fuzhou ROPO Building Materials Co., Ltd (ROPO AD70 AW - uPVC Awning + Fixed Window) Test Report No. 230407007SHF-016-R1, 16 June 2023.
14. Intertek, Fuzhou ROPO Building Materials Co., Ltd (ROPO AD70 TT - uPVC Tilt & Turn + Fixed Window) Test Report No. 230407007SHF-014, 16 June 2023.
15. Intertek, Fuzhou ROPO Building Materials Co., Ltd (ROPO AD70 HD - uPVC Side-hinged Door) Test Report No. 230407007SHF-015, 16 June 2023.
16. Intertek, Fuzhou ROPO Building Materials Co., Ltd (ROPO SS90 SL - uPVC Sliding Door) Test Report No. 230407007SHF-017-R1, 16 June 2023.
17. Allunga Exposure Laboratory, Compliance Certificate, 31 July 2020.
18. SKZ Certification Body, Compliance Certificate Z125957/17-II, 28 June 2017.
19. Fuzhou ROPO Building Materials Co., Ltd, Durability Declaration, 30 May 2024
20. Fuzhou ROPO Building Materials Co., Ltd, "Declaration of conformity", 28 May 2024.

## 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

This certification covers the following models, air infiltration rating and their respective maximum dimensions*:

- Model: ROPO AD70 FW - uPVC Fixed Window (air – conditioned)
  Maximum Dimensions: 2200 mm(H) x 2400 mm(W)
- Model: ROPO SS70 SW - uPVC Sliding Window (non - air conditioned)
  Maximum Dimensions: 1600 mm(H) x 2400 mm(W)
  Maximum Operable Sash Dimensions: 1498 mm(H) x 1190 mm(W)
- Model: ROPO AD70 AW - uPVC Awning + Fixed Window (air conditioned)
  Maximum Dimensions: 1600 mm(H) x 2000 mm(W)
  Maximum Operable Sash Dimensions: 1522 mm(H) x 947 mm(W)
- Model: ROPO AD70 TT - uPVC Tilt & Turn + Fixed Window (air conditioned)
  Maximum Dimensions: 2200 mm(H) x 2200 mm(W)
  Maximum Operable Sash Dimensions: 1498 mm(H) x 848 mm(W)
- Model: ROPO AD70 HD - uPVC Side-hinged Door (air conditioned)
  Maximum Dimensions: 2400 mm(H) x 1000 mm(W)
  Maximum Operable Panel Dimensions: 2324 mm(H) x 924 mm(W)
- Model: ROPO SS90 SL - uPVC Sliding Door (air conditioned)
  Maximum Dimensions: 2200 mm(H) x 2700 mm(W)
  Maximum Operable Panel Dimensions: 2080 mm(H) x 1335 mm(W)

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** This certification is also applicable where the area of the window or door assembly is no greater than 10% in either the horizontal or vertical direction, or no greater than 15% of the total area, provided the larger sized window or door assembly meets all applicable requirements specified in NZS 4211:2008, clause 5.2.2.*

## 11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

a. Glass selection and glazing shall be in accordance with NZS 4223.1:2008 and in locations subject to human impact must be in accordance with NZS 4223.3:2016.

Consideration must be given to glazing rebates as inadequate drainage will affect the durability of insulating glass units and laminated glass.

## 12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A

**All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. Please find the register here.**

**If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.**

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