



CERTIFICATE NO: CM70090 Rev 1  
Date of issue: 8 July 2022

# PRODUCT CERTIFICATE

## Moser Aluminium-Clad Wood & Thermal Break Aluminium Windows & Doors



BUREAU  
VERITAS

### KEY INFORMATION

**1 CERTIFICATE HOLDER DETAILS**

**Gaobeidian Shunda Moser Window and Door Co., Ltd**  
South of Dongfang Rd, East of 112 National Rd  
Gaobeidian City, Hebei Province, 074000  
China  
info-sale@chinamoser.com  
Ph: +86 312 5590952  
www.chinamoser.cn



**2 PRODUCT CERTIFICATION BODY**

**Bureau Veritas Australia Pty Ltd**  
3/435 Williamstown Road  
Port Melbourne VIC 3207  
Australia  
  
Ph: 1800 855 190  
www.bureauveritas.com.au  
**Bureau Veritas Australia Pty Ltd**  
The complaints process for this certificate can be found here:  
www.bureauveritas.com.au/your-feedback

**3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT**

Moser aluminium clad timber windows and doors are made of solid American white oak timber and aluminium. The external side has a cladding of powder coated aluminium. The solid timber interior has a scratch resistant dual component paint finish.  
Moser thermal break windows and doors are made of powder coated aluminium.  
Both the aluminium clad timber and thermal break aluminium windows and doors are double glazed. Window models include fixed window, tilt & turn, awning and hinged casement windows. Door models include inward and outward opening hinged doors and sliding doors.  
This certification covers the models listed in Section 9.

*Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.  
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.*

**4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT**

Moser Aluminium Clad Timber & Thermal Break Aluminium Windows & Doors contribute to natural daylight and ventilation, and are also suitable for use in building envelopes enclosing spaces where the temperature or humidity (or both) are modified.

*Continuation of intended use can be found in item 8. Supporting Information about Intended use of Building Product or Method.*

**5 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).

**B1 Structure:** B1.3.1, B1.3.2, B1.3.3 (a, b, h, j) B1.3.4  
**B2 Durability:** B2.3.1(b), B2.3.1(c) (for hardware)  
**E2 External Moisture:** E2.3.2 (contributes to), E2.3.7  
**E3 Internal moisture:** Performance Clauses E3.3.1 (contributes to)  
**F2 Hazardous Building Materials:** F2.3.1, F2.3.2, F2.3.3  
**G4 Ventilation:** G4.3.1, G4.3.3 (contributes to)  
**G7 Natural light:** G7.3.1 (contributes to), G7.3.2 (contributes to)  
**H1 Energy Efficiency:** H1.3.1(a, b), H1.3.2E (contributes to)

*How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.*



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

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# PRODUCT CERTIFICATE

## Moser Aluminium-Clad Wood & Thermal Break Aluminium Windows & Doors

### 6 CONDITIONS AND LIMITATIONS OF USE

1. Moser Aluminium Clad Wood Windows & Thermal Break Aluminium Windows are certified for use in buildings in the following wind zones (as defined in NZS3604):
  - a) up to and including HIGH wind zone:
    - i) Aluminium Clad Timber Awning Windows (up to 1500mm x 1500mm),
    - ii) Aluminium Clad Timber Tilt & Turn Windows (up to 1000mm x 1700mm ),
    - iii) Thermal Break Aluminium Windows (up to 1000mm x 900mm),
    - iv) Aluminium Clad Timber Sliding Doors (up to 4600mm x 2500mm),
    - v) Thermal Break Aluminium Doors open outwards (up to 1000mm x 2400mm)
  - b) up to and including VERY HIGH wind zone:
    - vi) Aluminium Clad Timber Hinged Doors open inwards (up to 940mm x 2400mm)
2. Moser Aluminium Clad Wood Windows & Thermal Break Aluminium Windows shall be installed in accordance with the Gaobeidian Shunda Moser Window & Door Co., Ltd. Installation Procedure Version Number 20200904-NL dated 4th September 2020, the WANZ Guide to Window Installation, and E2/AS1.
3. Windows and doors with a trim opening greater than 600 mm shall be supported on WANZ support bars fitted in accordance with the Installation Procedure. Heavy-Duty WANZ bars shall be used with doors and joinery units supported on concrete.
4. The following attributes of Moser Aluminium Clad Wood Windows & Thermal Break Aluminium Windows shall be determined specifically:
  - a) Vision barriers must be specified when required for compliance with Building Code clause F2.3.2
  - b) Safety glazing must be specified when required for compliance with Building Code clause F2.3.3
  - c) The R-value of individual joinery units shall be provided in order to allow the contribution to compliance with H1 Energy Efficiency to be determined.

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

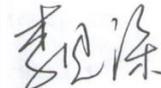
### 7 HEALTH AND SAFETY INFORMATION

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.

### 8 SIGNATURES



Sam Guindi  
Product Certification Manager  
For and on behalf of  
Bureau Veritas Australia Pty Ltd



Peter Lee  
Director of International Business  
For and on behalf of  
Gaobeidian Shunda Moser Window and Door Co., Ltd

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## Moser Aluminium-Clad Wood & Thermal Break Aluminium Windows & Doors

SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

### 9 SUPPORTING INFORMATION ABOUT DESCRIPTION

The following models of windows and doors are covered by this certificate:

**Windows**

- Thermal Break Aluminium
  - awning window SD65WX (up to 900W x 1000H)
- Aluminium Clad Timber
  - Tilt & Turn window + fixed window IV68LBM (up to 1500W x 1500H)
  - Tilt & Turn window + fixed window IV68NKC (up to 1000W x 2400H)
  - Tilt & Turn window + fixed window + awning window IV68FHC (up to 5000W x 2400H)
  - Fixed window + awning window YS68WXC (up to 1500W x 2400H)
  - Awning window IV68WXC (up to 900W x 1000H)
  - Fixed window IV68GDC (up to 2448W x 2400H)

**Doors**

- Thermal Break Aluminium
  - Open outwards hinged door SD65WKM (up to 1000W x 2400H)
- Aluminium Clad Timber
  - Open inwards hinged door IV68NKM (up to 920W x 2400H)
  - Sliding door IV68TLM (up to 4600W x 2500H)

### 10 SUPPORTING INFORMATION ABOUT INTENDED USE

Further details regarding the use of the product can be found in Gaobeidian Shunda Moser Window & Door Co., Ltd. Installation Procedure Version Number: 20200904-NL, 4 September 2020.

### 11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

N/A

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## Moser Aluminium-Clad Wood & Thermal Break Aluminium Windows & Doors

### 12 BASIS FOR CERTIFICATION

- B1 Structure - By testing and comparison with Verification Method B1/VM1 and referenced standard NZS4211
- B2 Durability - By analysis and comparison with Verification Method B2/VM1
- E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS4211
- E3 Internal moisture - By analysis and comparison with Acceptable Solutions G4/AS1 and H1/AS1
- F2 Hazardous building materials - By testing and comparison with performance clause F2.3.1 and Acceptable Solution F2/AS1
- G4 Ventilation - By analysis and comparison with Acceptable Solution G4/AS1
- G7 Natural light - By analysis and comparison with Acceptable Solution G7/AS1
- H1 Energy efficiency - By testing and comparison with Acceptable Solution H1/AS1

### 13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure 1st Edition (Amendment 19), 28 November 2019
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability 2nd Edition (Amendment 12), 28 November 2019
3. Verification Methods and Acceptable Solutions for New Zealand Building Code Clause E2 External Moisture 3rd Edition (Amendment 9), 27 June 2019
4. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous building materials 1st Edition (Amendment 3), 1 January 2017
5. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause G4 Ventilation 4th Edition, 27 June 2019
6. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause G7 Natural Light (Amendment 2), 14 February 2014
7. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause H1 Energy Efficiency 4th Edition (Amendment 4), 28 November 2019
8. China National Building Materials Industry Hardware and Plumbing Equipment Quality Supervision and Test Center Report No WJ2014WX0240 "Aluminium-clad wood tilt and turn window", 25 June 2014
9. China National Building Materials Industry Hardware and Plumbing Equipment Quality Supervision and Test Center Report No WJ2014WX0242 "Thermal break awning window", 25 June 2014
10. China National Building Materials Industry Hardware and Plumbing Equipment Quality Supervision and Test Center Report No JN2017WX0400 "Thermal break awning window", 28 November 2017
11. China National Building Materials Industry Hardware and Plumbing Equipment Quality Supervision and Test Center Report No JN2017WX0402 "Thermal break aluminium open outside door", 28 November 2017
12. China National Building Materials Industry Hardware and Plumbing Equipment Quality Supervision and Test Center Report No JN2017WX0402 "Solid wood tilt and turn window", 25 June 2014
13. China National Building Materials Industry Hardware and Plumbing Equipment Quality Supervision and Test Center Report No JN2017WX0403 "Aluminium clad wood awning window", 18 September 2018
14. National Center for Quality Supervision and Test of Building Test Report No. BETC-QC1-2018-01143 "Aluminum-Wood complex doors, 13 August 2018 Engineering
15. National Center for Quality Supervision and Test of Building Test Report No. BETC-QC1-2019-00943 "68 series aluminum-Wood complex doors, 27 June 2019 Engineering
16. National Center for Quality Supervision and Test of Building Test Report No. BETC-QC1-2019-00759 "68 series aluminum-Wood complex windows, 27 May 2019 Engineering
17. Babbage Consultants Engineering Report for Alu-timber hinged door, Alu-timber awning window, Thermal break aluminium tilt-and-turn window, 2 October 2018
18. Ikaizon Moser Alu-timber tilt and turn window assessment report, 7 August 2019
19. Ikaizon Moser Alu-timber sliding door assessment report, 7 August 2019
20. National Center for Quality Supervision and Test of Building Test Report No. BETC-QC1-2017-02492 "Aluminium clad wood window", 1 December 2017
21. National Center for Quality Supervision and Test of Building Test Report No. BETC-QC1-2017-02493 "Thermal break aluminium window", 8 December 2017
22. S-Mark Licence No: 2846 Granted to GAOBEIDIAN SHUNDA MOSER WINDOW AND DOOR CO., LTD, for windows and doors complying with AS 2047:2014, 23 October 2020
23. Mike Brown Consulting Services Report Number MB31/101, "Report on the Durability Alu-timber windows system as used by Moser windows", 31 May 2018
24. S-Mark Licence No: 2844 Granted to HEBEI JINGBO GLASS PRODUCTS CO., LTD for glazing complying with AS/NZS 2208:1996, 14 September 2020
25. Moser R value and U value declaration for Thermal break Aluminium awning windows and sliding door
26. Gaobeidian Shunda Moser Window & Door Co., Ltd. Installation Procedure Version Number: 20200904-NL, 4 September 2020



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### 14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder;
  - (ii) any address of a location where a certified product is produced or manufactured;
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product;
  - (ii) the method of its production or manufacture;
  - (iii) the product quality plan prepared in respect of the certified building method or product;
  - (iv) the application or installation instructions for the certified building method or product;
  - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body (Bureau Veritas) finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
  - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

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