

DONGA DOOR

BAL29

WIND LOAD TESTED STEEL DOORSET

Built for Remote, Transportable & High-Wind Region Applications

Motisan Donga Door BAL29 is a pre-hung insulated steel doorset engineered for transportable buildings, modular accommodation, and remote site applications across Australia.

The dual-frame system and robust galvanised steel construction deliver reliable performance in extreme conditions.

Tested to relevant Australian wind loading requirements in accordance with Section 7 of AS/NZS 4420.1:2016.

Compliant with AS 3959 for BAL29 applications, these doors provide durability, insulation and security where it matters most.



BAL29 READY

Designed for BAL-rated applications



WIND LOAD TESTED

Tested in accordance with Section 7 of AS/NZS 4420.1:2016



DUAL FRAME SYSTEM

Designed for modular and transportable buildings



PRE-HUNG STEEL DOORSET

Integrated frame system for fast installation



BUILT FOR AUSTRALIAN CONDITIONS

UV-resistant galvanised steel construction

FIRE PERFORMANCE & COMPLIANCE

Assessed against the construction requirements of:

- ✓ AS 3959:2018 Amdt. 1 & 2
- ✓ NCC 2022 / NCC 2025
- ✓ AS 1530.1
- ✓ AS/NZS 1530.3

CSIRO advisory assessment confirms the proposed construction provides evidence suitable for **BAL 12.5**, **BAL 19** and **BAL 29** side-hung external door applications, subject to project-specific compliance requirements and installation conditions.



WHY BUILDERS CHOOSE DONGA DOOR BAL29



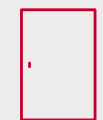
Designed for Harsh Environments

Suitable for remote, transportable and modular construction applications.



Wind Load Performance

Tested to relevant Australian wind loading requirements for demanding conditions.



Fast Modular Installation

Dual-frame pre-hung system simplifies onsite installation and reduces labour time.



Durable External Construction

Galvanised steel construction with UV-resistant powder coating for long-term durability.



Rugged Commercial Hardware

Heavy-duty hinges and commercial lock systems for secure operation.



Thermal & Acoustic Benefits

Rockwool insulated core improves thermal efficiency and acoustic performance

TECHNICAL SPECIFICATIONS

Door Type	Pre-hung insulated steel doorset
Door Leaf Thickness	50 mm
Door Face Material	0.8 mm galvanised steel
Door Frame	1.5 mm galvanised steel
Core Material	Rockwool mineral wool
Finish	UV-resistant powder coating
Hinges	Stainless steel hinges
Weather Seals	BAL-rated perimeter seals
Standard Sizes	820 / 920 / 1020 mm

WIND LOAD PERFORMANCE



The Donga Door system has been wind load tested in accordance with Section 7 of AS/NZS 4420.1-2016.

Suitable for high wind region applications including transportable buildings, modular accommodation, site offices and remote infrastructure projects.

STANDARD COLOURS



Windspray

Basalt

Additional colours available upon request.

IMPORTANT NOTICE

This brochure is provided as general product information only. Final determination of compliance remains subject to project-specific design, installation method, applicable NCC requirements, and approval by the relevant authority. CSIRO advisory assessment applies only to the construction configurations referenced within the assessment documentation.