

Windows and external glazed doors



Why window compliance matters

When correctly selected and installed, windows and external glazed doors help protect against wind, rain, noise and other environmental impacts, while also supporting safety, comfort and energy efficiency.

Choosing products that comply with relevant Australian Standards helps ensure windows perform as intended for their location and use.

Relevant Australian Standard

AS 2047, *Windows and external glazed doors in buildings*, provides the requirements for windows and external glazed doors, including how products are tested and rated for their intended use and location. This standard helps confirm that windows are suitable for expected environmental conditions, such as wind pressures and weather exposure.

Useful considerations

When selecting windows or external glazed doors, consider using the following checklist to guide discussions with your supplier or installer.

Consideration	What to ask
Testing	Are the windows tested to AS 2047 at a NATA accredited facility? Do the tested windows suit the sizes and wind conditions for your home?
Glazing	Does the glass comply with AS 1288, <i>Glass in buildings</i> ? Are double-glazed units (if any) being supplied from an AS 4666, <i>Insulating glass units</i> , certified manufacturer?
Hardware	Are the hardware components tested to relevant Australian Standards and readily available for repairs?
Energy requirements	Do the windows meet any required energy ratings (for example, do they have a WERS rating)?
Installation requirements	Are the windows being installed only in locations and applications for which they are designed? Has provision for restricted openings to comply with fall prevention requirements been allowed for?

Other considerations

In addition to AS 2047, windows and external glazed doors may be subject to other requirements under the National Construction Code (NCC) and related standards. Examples could include considerations for bushfire-prone areas in accordance with AS 3959.

Labelling and certification

AS 2047 includes requirements for product identification and labelling, which helps confirm a window's manufacturer and key performance ratings. This information must:

- appear on the window itself, such as a label fixed to the frame, and/or
- be provided by the supplier in the form of certification.

Further information: AGWA provides guidance on windows and external glazed doors. Your local council or state building regulator can advise on requirements and compliant products.



To read the relevant standard, AS 2047-2014, *Windows and external glazed doors in buildings*, visit our Reader Room at readerroom.standards.org.au