



Insulating glass units



This Australian Standard® was prepared by Committee BD-007, Glazing and Fixing of Glass. It was approved on behalf of the Council of Standards Australia on 1 June 2012. This Standard was published on 21 June 2012.

The following are represented on Committee BD-007:

- Association of Accredited Certification Bodies
- Australian Building Codes Board
- Australian Chamber of Commerce and Industry
- Australian Glass and Glazing Association
- Australian Industry Group
- Australian Shop and Office Fitting Industry Association
- Australian Window Association
- Building Research Association of New Zealand
- Housing Industry Association
- Master Builders Australia
- Monash University
- The University of New South Wales
- The University of Sydney
- Window and Door Industry Council
- Window Association of New Zealand
- Window Film Association of Australia and New Zealand

Additional Interests:

- Insulating Glass Unit Manufacturers Association New Zealand
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This Standard was issued in draft form for comment as DR AS/NZS 4666.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard[®]

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PREFACE

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This Standard was prepared by Standards Australia/Standards New Zealand Committee BD-007, Glazing and Fixing of Glass, in collaboration with, the Insulating Glass Manufacturers Affiliation Australia (IGMA) and Insulating Glass Unit Manufacturing Association New Zealand (IGUMA) to supersede AS/NZS 4666:2000. Amendment No. 1 to this Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee. As a consequence of Amendment No. 1, which is published as an Australian-only Amendment, the designation of this Standard has been changed from AS/NZS 4666:2012 to AS 4666:2012.

This Standard incorporates Amendment No. 1 (May 2018). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The main objectives of this Standard are to—

- (a) provide normative long term type test procedures and time frames intended to apply to all types of insulating glass units that are manufactured with the aim of complying with this Standard;
- (b) provide normative aspects and elements deemed essential to achieving the correct glazing of insulating glass units;
- (c) provide normative manufacturing and periodic test requirements for both, the components used in the manufacture of insulating glass units and completed insulating glass unit; and
- (d) provide informative detail and material to support the intent of the normative requirements of this Standard as well as supplying additional aspects deemed relevant to the manufacture, glazing, application and use of insulating glass units.

A statement expressed in mandatory terms in a note to a table is deemed to be a requirement of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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