

Australian/New Zealand Standard™

**Quality requirements for cut-to-size and
processed glass**

AS/NZS 4667:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD/7, Glazing and Fixing of Glass. It was approved on behalf of the Council of Standards Australia on 12 May 2000 and on behalf of the Council of Standards New Zealand on 15 May 2000. It was published on 28 June 2000.

The following interests are represented on Committee BD/7:

Architectural Aluminium Fabricators Association
Australian Association of Certification Bodies
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Glass and Glazing Association
Australian Industry Group
Australian Institute of Building Surveyors
Australian Window Association
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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 4667—2000
Quality requirements for cut-to-size and processed glass

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Australian Window Association
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Glass Association of New Zealand
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NOTES

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/7, Glazing and Fixing of Glass.

The objective of this Standard is to provide manufactures and users of glass with specifications covering the quality requirements for cut sizes of flat, transparent, clear ordinary annealed, toughened, laminated tinted heat-absorbing, patterned and wired glass for general glazing and/or further processing.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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1 SCOPE

This Standard specifies requirements for the following:

- (a) Cut sizes of flat, clear ordinary annealed and tinted heat-absorbing glass with glossy, apparently plane and smooth surface, which are used for general and architectural glazing, or similar.
- (b) Cut sizes of flat, clear ordinary annealed and tinted heat-absorbing processing glass used for Grade A safety requirements (i.e. toughened or laminated).
- (c) Cut sizes of ordinary annealed, patterned and wired glass used in decorative and general glazing applications.
- (d) Cut sizes of wired glass used for Grade B safety and general glazing applications.
- (e) Processed laminated and toughened glass.

NOTE:

- 1 This Standard is not intended to restrict the use of materials or methods of test not specified herein, where such materials or methods of test can be demonstrated to be the equal to, or superior to, those specified.
- 2 This Standard is not intended to cover glass for mirrors.
- 3 All other quality requirements not covered in the Standard, such as delamination of laminated glass, should be agreed between the manufacturer and the customer.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1288 Glass in buildings—Selection and installation

NZS

4223 Glazing in Buildings

4223.3 Part 3: Human Impact Safety Requirements

3 DEFINITIONS

For the purposes of this Standard the definitions in AS 1288 and those below apply:

NOTE: The definitions do not apply to in-service damage.

3.1 Vision interference angle

The acute angle between the pane of the glass and the vertical plane perpendicular to the wall, such plane including the observer when the glass is examined in accordance with Clause 9.2.4.

3.2 Blemishes in flat glass**3.2.1 Bow**

Deviation from straightness or flatness.