



Windows, external glazed, timber and composite doors—Methods of test

Part 1: Test sequence, sampling and test methods



This Australian Standard® was prepared by Committee BD-021, Doors and Windows. It was approved on behalf of the Council of Standards Australia on 14 October 2016. This Standard was published on 1 December 2016.

The following are represented on Committee BD-021:

- Australasian Institute of Surface Finishing
 - Australian Building Codes Board
 - Australian Glass and Glazing Association
 - Australian Industry Group
 - Australian Window Association
 - Building Research Association of New Zealand
 - CSIRO
 - Glass Association of New Zealand
 - Housing Industry Association
 - Master Builders Australia
 - Master Locksmiths Association of Australasia
 - National Association of Testing Authorities Australia
 - New Zealand Joinery Manufacturers Federation
 - Window and Door Industry Council
 - Window Association of New Zealand
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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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composite doors—Methods of test**

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AS 4420.4—1996, AS 4420.5—1996 and AS 4420.6—1996.
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-021, Doors and Windows, to supersede the following documents:

- (a) AS 4420.0—1996, *Windows—Methods of test*, Part 0: *General introduction and list of methods*.
- (b) AS 4420.1—1996, *Windows—Methods of test*, Method 1: *Test specimen, preparation for tests, and test sequence*.
- (c) AS 4420.2—1996, *Windows—Methods of test*, Method 2: *Deflection test*.
- (d) AS 4420.3—1996, *Windows—Methods of test*, Method 3: *Operating force test*.
- (e) AS 4420.4—1996, *Windows—Methods of test*, Method 4: *Air infiltration test*.
- (f) AS 4420.5—1996, *Windows—Methods of test*, Method 5: *Water penetration resistance test*.
- (g) AS 4420.6—1996, *Windows—Methods of test*, Method 6: *Ultimate strength test*.

A1 | Amendment No. 1 to this Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee MS-049, Retroflective Devices. As a consequence of Amendment No. 1, which is published as an Australian-only amendment, this Standard will be redesignated from AS/NZS 4420.1:2016 to AS 4420.1:2016.

This Standard incorporates Amendment No. 1 (October 2019). 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.

This Standard is referenced by AS 2047—2014 and NZS 4211—2008 to provide uniform direction for the essential requirements and methods to test for windows designed for installation in all classes of buildings.

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