

AS 5041—2003
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AS 5041—2003

Australian Standard[®]

**Methods of test—Security screen doors
and window grilles**

STANDARDS
Australia



This Australian Standard® was prepared by Committee CS-023, Security Screen Doors and Window Grilles. It was approved on behalf of the Council of Standards Australia on 28 March 2003.

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The following are represented on Committee CS-023:

- Architectural Aluminium Fabricators Association
 - Australian Aluminium Council
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Window Association
 - Bureau of Steel Manufacturers of Australia
 - Certification Bodies (Australia)
 - Curtin University of Technology
 - Department of Housing New South Wales
 - Housing Industry Association
 - Insurance Council of Australia
 - Master Builders Australia
 - Master Locksmiths Association of Australasia
 - Monash University
 - NSW Police Service
 - National Security Screen Association
 - Queensland Police Service
 - Security Agents Institute of WA
 - Steel Security Manufacturers Association Queensland
 - University of Western Sydney
 - Victoria Police
 - Victorian Employers Chamber of Commerce and Industry
 - Western Australia Police
-

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RECONFIRMATION

OF

AS 5041—2003

Methods of test—Security screen doors and window grilles

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NOTES

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PREFACE

This Standard was prepared by the Standards Australia Committee CS-023, Security Screen Doors and Window Grilles to supersede AS/NZS 2803.1:1994, AS/NZS 2803.2:1995, AS/NZS 4483.1:1999, and AS/NZS 4483.2:1999.

This Standard incorporates Amendment No. 1 (December 2007). 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 objective of this Standard is to provide a set of methods for testing the compliance of security screen doors and window grilles used in residential structures.

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.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard. All other notes are for information and guidance only.

A significant new development of this Standard is the amalgamation of testing requirements from AS/NZS 2803.1: *Doors-security screen-hinged*, AS/NZS 2803.2: *Doors-security screen-sliding*, AS/NZS 4483.1: *Security screen doors and security window grilles—Methods of test—Dynamic impact test*; and AS/NZS 4483.2: *Security screen doors and security window grilles—Methods of test—Knife shear test*.

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STANDARDS AUSTRALIA

Australian Standard**Methods of test—Security screen doors and window grilles**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out methods for testing security screen doors and window grilles used in residential structures in accordance with AS 5039.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1599 Pressure-sensitive adhesive packaging tapes
- 5039 Security screen doors and window grilles
- 5040 Installation of security screendoors and window grilles

1.3 ALTERNATIVE METHODS

Any alternative testing materials, designs, methods of assembly, procedures, that do not comply with specific requirements of this Standard but which give equivalent results to those specified are not necessarily precluded; however, equivalent performance will need to be demonstrated.

1.4 DEFINITIONS

For the purpose of this Standard the definitions used in AS 5039 apply.

1.5 LIST OF METHODS

The following is the list of methods set out in this Standard:

- (a) Dynamic impact testSection 3.
- (b) Jemmy testSection 4.
- (c) Pull testSection 5.
- (d) Probe testSection 6.
- (e) Shear testSection 7.
- (f) Knife shear testSection 8.