



Protection of openable windows/fall prevention—Test sequence and compliance method



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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
 - Standards New Zealand
 - 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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prevention—Test sequence and
compliance method**

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-021, Doors and Windows. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to prevent the risk of injury and death associated with accidental falls through open windows by children five years old and younger.

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STANDARDS AUSTRALIA

Australian Standard**Protection of openable windows/fall prevention—Test sequence and compliance method**

1 SCOPE

This Standard sets out methods for determining the performance of a barrier screen and a restricted window opening to a level of force specified in the National Construction Code (NCC) for the protection of openable windows.

2 NORMATIVE REFERENCES

The following documents are referred to in this Standard:

AS	
2047	Windows in buildings—Selection and installation
5041	Methods of test—Security screen doors and window grilles
ISO/IEC	
17020	Conformity assessment—Requirements for the operation of various types of bodies performing inspection
17025	General requirements for the competence of testing and calibration laboratories
NCC	National Construction Code

3 DEFINITIONS

For the purpose of this Standard the definitions in AS 2047 and those below apply.

3.1 Barrier

A physical structure that blocks or impedes a child from falling through a window.

3.2 Children

A boy or girl five years old and younger.

3.3 Competent

Having the necessary ability, knowledge or skill of being capable of performing a task successfully.

3.4 Opening control devices

Hardware or fixings attached to the window frame for the purpose of restricting window openings.

3.5 Qualified

Having the appropriate competency and ability to perform a specified task.

3.6 Resistant

Opposing force that does not result in damage or dislodgment.

3.7 Secure

Fixed or fastened so as not to give way during the applied loads.

3.8 Specimen

Test specimen that is representative of the largest size of item to be tested.