

Menu

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

Print [Save](#) Email

[Resource detail](#)

[Citations](#)

NZS 4232.2:1988 Performance criteria for fire resisting enclosures - Fire resisting glazing systems

Table of Contents

[View on Information Provider website](#) [Download this resource \(PDF, 3.8MB\)](#) [{{ linkText }}](#)

Abbreviation

NZS 4232.2:1988

Valid from

30/05/1988

Replaces

Information provider

Standards New Zealand

Author

Standards New Zealand

Information type

New Zealand Standard

Format

PDF

Cited By

[This resource is cited by 29 documents \(show Citations\)](#)

Cites

[This resource cites 12 documents \(show Citations\)](#)

Description

This Standard specifies the range of performance requirements which are to be provided when the term fire window is used. Provides a means of compliance with the requirements for the design, manufacture and installation for all fire windows.

Scope

This part of NZS 4232 specifies the range of performance requirements which are to be provided when the term fire door or smoke stop door is used with or without a specified fire resistance rating.

Note that a fire door, for the purposes of this Standard, comprises a complete doorset, as defined, after installation of the doorset is completed in any building. Proof of performance is obtained through specified validation methods (including fire test methods) and the specification of pass/fail criteria with permissible variations.

For assistance with locating previous versions, please contact the information provider.

Table of Contents

[View on Information Provider website](#) [Download this resource \(PDF, 3.8MB\)](#) [{{ linkText }}](#)

This resource is cited by:

NZS 4232.2:1988 Performance criteria for fire resisting enclosures - Fire resisting glazing systems

This document is CITED BY:

- [C/AS2 \(First Edition\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS2: Buildings other than Risk Group SH from 27/06/2019

- [C/AS2 \(First edition, amendment 4\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS2: Buildings with Sleeping (non institutional) (Risk Group SM) from 10/04/2012

- [C/AS2 \(Amendment 1, Errata 1\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS2: Buildings with Sleeping (non institutional) (Risk Group SM) from 10/04/2012

- [C/AS2 \(Amendment 3\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS2: Buildings with Sleeping (non institutional) (Risk Group SM) from 10/04/2012

- [C/AS2 \(First Edition\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS2: Buildings with Sleeping (non institutional) (Risk Group SM) from 10/04/2012

- [C/AS2 \(Amendment 2\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS2: Buildings with Sleeping (non institutional) (Risk Group SM) from 10/04/2012

- [C/AS3 \(First Edition\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS3: Buildings Where Care or Detention is Provided (Risk Group SI) from 10/04/2012

- [C/AS3 \(Amendment 2\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS3: Buildings Where Care or Detention is Provided (Risk Group SI) from 10/04/2012

- [C/AS3 \(First edition, amendment 4\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS3: Buildings Where Care or Detention is Provided (Risk Group SI) from 10/04/2012

- [C/AS3 \(Amendment 1, Errata 1.\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS3: Buildings Where Care or Detention is Provided (Risk Group SI) from 10/04/2012

- [C/AS3 \(Amendment 3\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS3: Buildings Where Care or Detention is Provided (Risk Group SI) from 10/04/2012

- [C/AS4 \(Amendment 1, Errata 1\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS4: Buildings with Public Access and Educational Facilities (Risk

Group CA) from 10/04/2012

- [C/AS4 \(Amendment 3\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS4: Buildings with Public Access and Educational Facilities (Risk Group CA) from 10/04/2012

- [C/AS4 \(First Edition\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS4: Buildings with Public Access and Educational Facilities (Risk Group CA) from 10/04/2012

- [C/AS4 \(First edition, amendment 4\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS4: Buildings with Public Access and Educational Facilities (Risk Group CA) from 10/04/2012

- [C/AS4 \(Amendment 2\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS4: Buildings with Public Access and Educational Facilities (Risk Group CA) from 10/04/2012

- [C/AS5 \(First Edition\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS5: Buildings used for Business, Commercial and Low Level Storage (Risk Group WB) from 10/04/2012

- [C/AS5 \(First edition, amendment 4\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS5: Buildings used for Business, Commercial and Low Level Storage (Risk Group WB) from 10/04/2012

- [C/AS5 \(Amendment 2\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS5: Buildings used for Business, Commercial and Low Level Storage (Risk Group WB) from 10/04/2012

- [C/AS5 \(Amendment 1, Errata 1.\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS5: Buildings used for Business, Commercial and Low Level Storage (Risk Group WB) from 10/04/2012

- [C/AS5 \(Amendment 3\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS5: Buildings used for Business, Commercial and Low Level Storage (Risk Group WB) from 10/04/2012

- [C/AS6 \(First Edition\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS6: Buildings used for High Level Storage and Other High Risk Purposes (Risk Group WS) from 10/04/2012

- [C/AS6 \(Amendment 3.\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS6: Buildings used for High Level Storage and Other High Risk Purposes (Risk Group WS) from 10/04/2012

- [C/AS6 \(First edition, amendment 4\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS6: Buildings used for High Level Storage and Other High Risk Purposes (Risk Group WS) from 10/04/2012

- [C/AS6 \(Amendment 2\)](#)

NZS 4232.2:1988 is cited by Acceptable Solution C/AS6: Buildings used for High Level Storage and Other High Risk Purposes (Risk Group WS) from 10/04/2012

- [NZS 4223.1:2008](#)

NZS 4232.2:1988 is cited by NZS 4223.1:2008 Code of practice for glazing in buildings - Glass selection and glazing

- [NZS 4223.2:2016](#)

NZS 4232.2:1988 is cited by NZS 4223.2:2016 Glazing in buildings Part 2: Insulating glass units

- [NZS 4223.3: 2016](#)

NZS 4232.2:1988 is cited by NZS 4223.3: 2016 Glazing in buildings - Human impact safety requirements

- [NZS 4223.4:2008](#)

NZS 4232.2:1988 is cited by NZS 4223.4:2008 Code of practice for glazing in buildings - Wind, dead, snow, and live actions

Back

NZS 4232.2:1988 Performance criteria for fire resisting enclosures - Fire resisting glazing systems

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This Standard specifies the range of performance requirements which are to be provided when the term fire window is used. Provides a means of compliance with the requirements for the design, manufacture and installation for all fire windows.

[View on Information Provider website](#) [Download this resource \(PDF, 3.8MB\)](#)

[NZS 4232.2:1988 Performance criteria for fire resisting enclosures - Fire resisting glazing systems](#)

Description

This Standard specifies the range of performance requirements which are to be provided when the term fire window is used. Provides a means of compliance with the requirements for the design, manufacture and installation for all fire windows.

[View on Information Provider website](#) [Download this resource \(PDF, 3.8MB\)](#)

This resource cites:

NZS 4232.2:1988 Performance criteria for fire resisting enclosures - Fire resisting glazing systems

This document CITES:

New Zealand Standards

- [NZMP 9:1989](#)

NZS 4232.2:1988 cites NZMP 9:1989 - Fire properties of building materials and elements of structure (Supersedes NZMP 9:1987)

- [NZS 1900.5:1988](#)

NZS 4232.2:1988 cites NZS 1900.5:1988 Model building bylaw - Chapter 5: Fire resisting construction and means of egress

- [NZS 4211:1985](#)

NZS 4232.2:1988 cites NZS 4211:1985 Specification for performance of windows

Australian Standards

- [AS 1530.1-1984](#)

NZS 4232.2:1988 cites AS 1530.1-1984 Methods for fire tests on building materials, components and structures - Part 1: Combustibility test for materials

- [AS 1530.4-1990](#)

NZS 4232.2:1988 cites AS 1530.4-1990 Methods for fire tests on building materials, components and structures. Part 4: Fire-resistance tests of elements of building construction

Other

- [ASTM E648-86](#)

NZS 4232.2:1988 cites ASTM E648-86 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source

- [BS 476-22:1987](#)

NZS 4232.2:1988 cites BS 476.22:1987 Fire tests on building materials and structures. Method for determination of the fire resistance of non-loadbearing elements of construction

- [BS 476-31.1:1983](#)

NZS 4232.2:1988 cites BS 476-31.1:1983 Fire tests on building materials and structures - Part 31: Methods for measuring smoke penetration through doorsets and shutter assemblies. 31.1 Method of measurement under ambient temperature conditions

- [BS 476-4:1970](#)

NZS 4232.2:1988 cites BS 476-4:1970 Fire tests on building materials and structures. Non-combustibility test for materials

- [DIN 4102-2:1977-09](#)

NZS 4232.2:1988 cites DIN 4102-2:1977-09 Fire Behaviour of Building Materials and Building Components; Building Components; Definitions, Requirements and Tests

- [ISO 3008:1976](#)

NZS 4232.2:1988 cites ISO 3008:1976 Fire-resistance tests - Door and shutter assemblies

- [ISO 5925-1:1981](#)

NZS 4232.2:1988 cites ISO 5925-1:1981 Fire tests - Evaluation of performance of smoke control door assemblies - Part 1: Ambient temperature test

Back

Close

Table of Contents

Part 1 Internal and external doorsets

101 Status

102 Scope

103 Application

104 Interpretation

105 Definitions

106 Design requirements

107 Determination of fire resistance

108 Variation from production model

109 Installation

110 Smoke control

111 Marking

112 Evidence of compliance

Part 2 Fire resisting glazing systems

201 Status

202 Scope

203 Application

204 Interpretation

205 Definitions

206 Design requirements

207 Determination of fire resistance

208 Variation from production model

209 Installation

210 Smoke stopping

211 Marking

212 Evidence of compliance

Appendix

A Marking of hardware items

B Cyclic movement endurance test

C Radiant heat flux measurements

D Recommendations on insulation requirements

Table

C1 Typical radiant heat intensities for various phenomena

C2 Factor 'C' for use in the determination of safe distances

Figure

1 Form of directional arrow for sliding doors

2 Fire doorset label

3 Fire window label

D1 Nomogram for the width of an escape route bordered by a wired-glass screen

Print [Save](#) Email

[Feedback](#)

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Feedback](#)