NZS 4223.1:2008 Code of practice for glazing in buildings - Glass selection and glazing

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Abbreviation
NZS 4223.1:2008
Amendment
Amendment 1 - incorporated. Published 29/02/2016.
Valid from
28/05/2008
Replaces
NZS 4223 Parts 1&2:1985

Information provider
Standards New Zealand
Author
Standards New Zealand
Information type
New Zealand Standard
Format
PDF

Cited By
This resource is cited by 13 documents (show Citations)
Cites
This resource cites 31 documents (show Citations)

Description

NZS 4223.1 provides design criteria, guidance for specific design and procedures for glass selection, and glazing in buildings.

Scope

The following are excluded from the scope of NZS 4223 Parts 1, 2, 3, and 4:

- (a) Glazing in lift cars and liftwells (see Appendix A for guidance);
- (b) Furniture glass, cabinet glass, vanities, glass basins, refrigeration units, internal glass fitments and glass wall linings, framed internal wall mirrors, and mirrors not specifically covered by these parts;
- (c) Buildings and structures with no public access intended for non-habitable building structures for horticultural or agricultural use;
- (d) Restoration or repairs to existing decorated glass;
- (e) Glazing applications that might fail due to stresses other than tensile stresses, such as glass floors;
- (f) Plastic glazing materials;
- (g) The construction and installation of windows (refer to NZS 3504, NZS 3619, and NZS 4232.2);
- (h) Glass blocks, pavers, slumped, formed, or cast glass;
- (i) Point-fixed or point-supported systems, used for glazing, cladding, signage, and the like, not specifically covered by these parts.

This resource is cited by:

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This document is CITED BY:

- B1/AS1 (First edition, Amendment 12)

  NZS 4223.1:2008 is cited by Acceptable Solution B1/AS1: General from 30/09/2010

- B1/AS1 (First edition, amendment 15)

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- B1/AS1 (First edition, Amendment 16)

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- B1/AS1 (First edition, Amendment 14)

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- B1/AS1 (First edition, Amendment 11)

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- B1/AS1 (First Edition, Amendment 17)

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- B1/AS1 (First edition, Amendment 13)

  NZS 4223.1:2008 is cited by Acceptable Solution B1/AS1: General from 30/09/2010

- B1/AS1 (First edition, Amendment 10)

  NZS 4223.1:2008 is cited by Acceptable Solution B1/AS1: General from 30/09/2010

- SH/AS1 (First edition, unamended)

  NZS 4223.1:2008 is cited by SH/AS1 Simple House Acceptable Solution

- NZS 4211:2008

  NZS 4223.1:2008 is cited by NZS 4211:2008 Specification for performance of windows

- NZS 4223.2:2016

  NZS 4223.1:2008 is cited by NZS 4223.2:2016 Glazing in buildings Part 2: Insulating glass units

- NZS 4223.3: 2016

  NZS 4223.1:2008 is cited by NZS 4223.3: 2016 Glazing in buildings - Human impact safety requirements

- NZS 4223.4:2008

  NZS 4223.1:2008 is cited by NZS 4223.4:2008 Code of practice for glazing in buildings - Wind, dead, snow, and live actions

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Description

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This document CITES:

New Zealand Standards

- AS/NZS 1170.0:2002

  NZS 4223.1:2008 cites AS/NZS 1170.0:2002 Structural Design Actions - General principles

- AS/NZS 1170.1:2002

  NZS 4223.1:2008 cites AS/NZS 1170.1:2002 Structural Design Actions - Permanent, imposed and other actions

- AS/NZS 1170.2:2002

  NZS 4223.1:2008 cites AS/NZS 1170.2:2002 Structural Design Actions - Wind Actions

- AS/NZS 1170.3:2003

  NZS 4223.1:2008 cites AS/NZS 1170.3:2003 Structural Design Actions - Snow and ice actions

- AS/NZS 2208:1996

  NZS 4223.1:2008 cites AS/NZS 2208:1996 Safety glazing materials in buildings

- AS/NZS 4667:2000

  NZS 4223.1:2008 cites AS/NZS 4667:2000 Quality requirements for cut-to-size and processed glass

- AS/NZS 4668:2000

  NZS 4223.1:2008 cites AS/NZS 4668:2000 Glossary of terms used in the glass and glazing industry

- NZS 1170.5:2004

  NZS 4223.1:2008 cites NZS 1170.5:2004 Structural Design Actions - Part 5: Earthquake design actions - New Zealand

- NZS 3504:1979

  NZS 4223.1:2008 cites NZS 3504:1979 Specification for aluminium windows

- NZS 3619:1979

  NZS 4223.1:2008 cites NZS 3619:1979 Specification for timber windows

- NZS 4211:2008

  NZS 4223.1:2008 cites NZS 4211:2008 Specification for performance of windows

- NZS 4223 Supplement 1:2008

  NZS 4223.1:2008 cites NZS 4223 Supplement 1:2008 Code of practice for glazing in buildings - Supplement 1 to NZS 4223.1:2008 and NZS 4223.4:2008

- NZS 4223.2:2016

  NZS 4223.1:2008 cites NZS 4223.2:2016 Glazing in buildings Part 2: Insulating glass units

- NZS 4223.3: 2016

  NZS 4223.1:2008 cites NZS 4223.3: 2016 Glazing in buildings - Human impact safety requirements

- NZS 4223.4:2008

  NZS 4223.1:2008 cites NZS 4223.4:2008 Code of practice for glazing in buildings - Wind, dead, snow, and live actions

- NZS 4232.2:1988

  NZS 4223.1:2008 cites NZS 4232.2:1988 Performance criteria for fire resisting enclosures - Fire resisting glazing systems

Other

- AAMA 800-05 (incl. AAMA 810.1-2005)

  NZS 4223.1:2008 cites AAMA 800-05 (including AAMA 810.1-2005) Voluntary Specifications and Test Methods for Sealants

- ANSI Z97 Part 1:2004

  NZS 4223.1:2008 cites ANSI Z97 Part 1:2004 Safety glazing materials used in buildings Safety performance - Specifications and methods of test

- ASTM C1184:2005

  NZS 4223.1:2008 cites ASTM C1184:2005 Standard specification for structural silicone sealants

- ASTM C1279:2005

  NZS 4223.1:2008 cites ASTM C1279:2005 Standard test method for non-destructive photoelastic measurement of edge and surface stresses in annealed, heat-strengthened, and fully tempered flat glass

- ASTM C1281:2003

  NZS 4223.1:2008 cites ASTM C1281:2003 Standard specification for preformed tape sealants for glazing applications

- ASTM C1299:2003

  NZS 4223.1:2008 cites ASTM C1299:2003 Standard guide for use in selection of liquid-applied sealants

- ASTM C920:2005

  NZS 4223.1:2008 cites ASTM C920:2005 Standard specification for elastomeric joint sealants

- BS 544:1969

  NZS 4223.1:2008 cites BS 544:1969 Specification for linseed oil putty for use in wooden frames

- BS 6262-1:2005

  NZS 4223.1:2008 cites BS 6262-1:2005 Glazing for buildings General methodology for the selection of glazing

- BS 952-1:1995

  NZS 4223.1:2008 cites BS 952-1:1995 Glass for glazing. Classification

- BS EN 12150-1:2015

  NZS 4223.1:2008 cites BS EN 12150-1:2015 Glass in building. Thermally toughened soda lime silicate safety glass. Definition and description

- BS EN 14449:2005

  NZS 4223.1:2008 cites BS EN 14449:2005 Glass in building. Laminated glass and laminated safety glass. Evaluation of conformity/product standard

- BS EN 1863-1:2011

  NZS 4223.1:2008 cites BS EN 1863-1:2011 Glass in building. Heat strengthened soda lime silicate glass. Definition and description

- WGANZ Specification 140307:2013 (R 3.0)

  NZS 4223.1:2008 cites WGANZ Specification 140307:2013 - WGANZ Industry Standards for Glazing Blocks

- WGANZ Specification 170103:2012

  NZS 4223.1:2008 cites WGANZ Specification 170103:2012 - Glazing and other seals used in the manufacture of joinery

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