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

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Abbreviation NZS 4223.4:2008 Amendment Amendment 1 - incorporated. Published 29/02/2016. Valid from 28/05/2008 Replaces

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

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NZS 4223.4 provides a method for the determination of minimum glass thickness for vertical and sloped overhead glazing in New Zealand to resist limit state actions.

Scope

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

- (a) Glazing in lift cars and liftwells (refer to NZS 4223.1, 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 (refer to Part 1 for design criteria and guidance for specific design).

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• SH/AS1 (First edition, unamended)

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• <u>NZS 4211:2008</u>

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• <u>NZS 4223.1:2008</u>

NZS 4223.4:2008 is cited by NZS 4223.1:2008 Code of practice for glazing in buildings - Glass selection and glazing

• NZS 4223.2:2016

NZS 4223.4:2008 is cited by NZS 4223.2:2016 Glazing in buildings Part 2: Insulating glass units

• <u>NZS 4223.3: 2016</u>

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Description

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New Zealand Standards

• <u>AS/NZS 1170.0:2002</u>

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• <u>AS/NZS 1170.1:2002</u>

NZS 4223.4:2008 cites AS/NZS 1170.1:2002 Structural Design Actions - Permanent, imposed and other actions

• <u>AS/NZS 1170.2:2002</u>

NZS 4223.4:2008 cites AS/NZS 1170.2:2002 Structural Design Actions - Wind Actions

• <u>AS/NZS 1170.3:2003</u>

NZS 4223.4:2008 cites AS/NZS 1170.3:2003 Structural Design Actions - Snow and ice actions

• <u>AS/NZS 4667:2000</u>

NZS 4223.4:2008 cites AS/NZS 4667:2000 Quality requirements for cut-to-size and processed glass

• <u>NZS 3504:1979</u>

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• NZS 3604:1999

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• NZS 3619:1979

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• <u>NZS 4223 Supplement 1:2008</u>

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• NZS 4223.1:2008

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• <u>NZS 4229:1999</u>

NZS 4223.4:2008 cites NZS 4229:1999 Concrete masonry buildings not requiring specific engineering design

• <u>NZS 4232.2:1988</u>

NZS 4223.4:2008 cites NZS 4232.2:1988 Performance criteria for fire resisting enclosures -Fire resisting glazing systems

Australian Standards

• <u>AS 1288:2006 (R2016)</u>

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