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NZS 4218:2004 Energy efficiency - Small building envelope

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Abbreviation
 NZS 4218:2004
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 [NZS 4218:1996](#)

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Description

This Standard specifies thermal insulation requirements for housing and small buildings to achieve an adequate level of energy efficiency.

Scope

Provides details and guidance to meet adequate energy efficiency performance requirements for the building envelope of housing and small buildings.

Incorporates glazing into the schedule and calculation methods of compliance with the required performance and focuses on excessive heat-loss through the area of glazing.

It also brings the window R-values into line with Window Efficiency Rating Scheme (WERS) and adds an Appendix on glazing performance.

It focuses on areas of glazing above 30% of the total wall area as these significantly affect thermal efficiency of the envelope.

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