# Verification Method H1/VM1: Energy Efficiency

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Abbreviation
H1/VM1
Version
Third Edition (unamended)
Valid to
10/10/2011
Valid from
31/10/2007

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Information provider
Ministry of Business, Innovation and Employment
Information type
Verification Method
Format
PDF

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Cites
**This resource cites 5 documents (show Citations)**

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#### Description

Verification Method H1/VM1 provides a means of compliance with Building Code Clause H1 Energy Efficiency.

This clause provides for the efficient use of energy and sets physical conditions for energy performance.

It requires housing to meet a building performance index (BPI) not exceeding 1.55 (this is defined in the Verification Method and Acceptable Solution). It requires enclosed spaces where temperature or humidity are modified to provide adequate thermal resistance and to limit uncontrollable airflow in certain buildings.

It also sets out physical conditions likely to affect energy performance, and requirements for hot water systems, artificial lighting and HVAC systems.

#### Scope

This Verification Method can be used for housing, communal residential, communal non-residential and commercial buildings.

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**This resource cites:**

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**This document CITES:**

**New Zealand Standards**

- NZS 4214:2006

  H1/VM1 cites NZS 4214:2006 Methods of determining the total thermal resistance of parts of buildings from 31/10/2007

- NZS 4218:2004

  H1/VM1 cites NZS 4218:2004 Energy efficiency - Small building envelope from 31/10/2007

- NZS 4243.1:2007

H1/VM1 cites NZS 4243.1:2007 Energy efficiency - Large buildings - Building thermal envelope from 31/10/2007

**Other**

- ALF3 (3rd edition April 2000)

  H1/VM1 cites ALF3 The "Annual Loss Factor" Method - A design tool for energy efficient houses from 31/10/2007

- Temperature normals for NZ

  H1/VM1 cites Temperature normals for New Zealand for the period 1961 - 1990 from 31/10/2007