Acceptable Solution H1/AS1: Energy Efficiency

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Abbreviation
H1/AS1
Version
Third Edition (unamended)
Valid to
10/10/2011
Valid from
31/10/2007

Information provider
Ministry of Business, Innovation and Employment
Information type
Acceptable Solution
Format
PDF

Cites
This resource cites 6 documents (show Citations)

Description

Acceptable Solution H1/AS1 provides a means of compliance with Building Code Clause H1 Energy Efficiency.

Clause H1 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 Acceptable Solution can be used for housing, communal residential, communal non-residential and commercial buildings.

It does not include the use of foil insulation.

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This resource cites:

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This document CITES:

New Zealand Standards

- AS/NZS 4859.1:2002

  H1/AS1 cites AS/NZS 4859.1:2002 Materials for the thermal insulation of buildings - General criteria and technical provisions from 31/10/2007

- NZS 4214:2006

  H1/AS1 cites NZS 4214:2006 Methods of determining the total thermal resistance of parts of buildings from 31/10/2007

- NZS 4218:2004

  H1/AS1 cites NZS 4218:2004 Energy efficiency - Small building envelope from 31/10/2007

- NZS 4243.1:2007

  H1/AS1 cites NZS 4243.1:2007 Energy efficiency - Large buildings - Building thermal envelope from 31/10/2007

- NZS 4243.2:2007

  H1/AS1 cites NZS 4243.2:2007 Energy efficiency - Large buildings - Lighting from 31/10/2007

- NZS 4305:1996

  H1/AS1 cites NZS 4305:1996 Energy efficiency - domestic type hot water systems from 31/10/2007