

Acceptable Solution

E2 External Moisture

First Edition – effective 28 November 2019

Light steel framing weathertight solution for buildings up to 3 storeys or of 10m or less in height with a floor area not exceeding 300m².

E2/AS4 is a means of demonstrating the building envelope in a light steel framed construction will prevent the penetration of water to the extent required by clause E2 of the Building Code. Refer to supporting information for limitations.

SUPPORTING INFORMATION

Effective use

National Association of Steel Framed Housing (NASH) applies to buildings of certain height, forms of construction and structural behaviour. It also set by the NASH Standard Part 2. Building Consent Authorities should accept building consent applications from designers who can demonstrate that the particular building falls within those limitations.

Other Building Code clauses may be relevant including but not limited to:

- B1 Structure (for the cladding system as well as the building's primary structure)
- B2 Durability
- C1 – C6 Protection from fire
- E3 Internal moisture
- F2 Hazardous building materials
- G6 Airborne and impact sound
- H1 Energy efficiency.

Building Consent Authorities should accept building consent applications from designers who can demonstrate that the requirements of all relevant NZBC clauses have been integrated into the design proposal for an enclosure solution.

Construction quality assurance

E2/AS4 does not advise quality assurance or inspection procedures to be followed during construction.

As with other building work, an applicant is to propose appropriate inspection procedures for the Building Consent Authorities to approve when issuing a building consent for an enclosure solution whose compliance is based on E2/AS4.

REFERENCES

For the purposes of New Zealand Building Code (NZBC) compliance, the Standards and documents referenced in this Acceptable Solution must be the editions, along with their specific amendments, listed below.

Publisher and document name/number

National
Association of Steel
Framed Housing
(NASH)

NASH Building envelope solution

National
Association of Steel
Framed Housing
(NASH)

NASH Standard Part 2
Comments throughout the NASH
document are for guidance purposes only
and do not form part of the Acceptable
Solution

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**BUILDING
PERFORMANCE**



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