AXXIS® High-Performance Framing

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1 Specification Details

Trade Sections: Structural Steelwork
Description:
Keywords:

2 Clauses

2.1 Scope

Help Note:
Click here to download Axxis Steel for Framing CAD Details from the NZ Steel website.

2.1.1 Scope

Supply, fabricate, assemble and erect Axxis Steel for Framing lightweight steel framing, to all of the framed elements (floors, walls, roofs, ceilings) identified as lightweight steel framing on the approved design drawings, complete with all necessary components and accessories required for proper installation and performance. All aspects of this work shall be carried out to comply with the requirements of the New Zealand Building Code and relevant Standards, and in accordance with the Axxis steel frame fabricator's approved design documents, other relevant product manufacturers' recommendations, and as shown on the drawings.

No substitutions are permitted for Axxis Steel for Framing.

Where referred to herein, NASH means the National Association of Steel-Framed Housing Inc.

For the purpose of this specification, the NASH Standard Part 1: 2016, NASH Standard Part 2 : 2016, NASH Building Envelope Solutions: 2016, and NASH N-11 House Insulation Guide, are referred to as the NASH standards and guidelines.

2.2 Requirements

Help Note:
For further information and technical advice, contact NASH on 0800 333 225, or email gm@nashnz.org.nz, or contact your prefered Axxis steel framing supplier.

Click here to download Axxis Steel for Framing CAD Details from the NZ Steel website.

2.2.1 Safety

Comply with the Health and Safety at Work Act 2015 (HSWA), and with all relevant Health and Safety at Work Regulations 2016, and with all relevant WorkSafe New Zealand (WorkSafe) Approved Codes of Practice and WorkSafe Information and Guidance, particularly those for construction and building maintenance.

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2.2.2 Producer Statement PS1

The Axxis steel frame fabricator shall furnish a fully completed PS1 Producer Statement (Design) of the proposed building work, for Building Consent and compliance purposes, as confirmation that the Axxis Steel for Framing system as designed and documented complies with the relevant provisions of the New Zealand Building Code.

2.2.3 Producer Statement PS4

Furnish a fully completed Producer Statement PS4 (Construction Review) as confirmation that the Axxis steel framing system installation complies with the the relevant requirements of the Building Consent and Building Consent Amendments, with respect to the relevant clauses of the New Zealand Building Code.

2.2.4 Shop Drawings

If not already provided, but requested, prepare and submit to the Contract Administrator for verification and approval Shop Drawings, issued For Fabrication and Installation (FFI), covering, but not limited to, the following aspects of the Axxis steel framing:

- Design calculations;
- Fully dimensioned plans and elevations of all Axxis steel framed elements (at a suitable scale);
- Complete details of construction, connections and support systems (at a suitable scale);
- Jointing details and fixing methods between individual Axxis steel framed elements and between other adjacent work;
- Provision for thermal movement, wind load movement, and seismic movement;
- Provision for factory-fitted and site-fitted thermal insulation - where required;
- Coordination requirements with other work and trades - where required.
- Installation sequence;
- A full schedule of elements, components, materials and finishes, fasteners and fixings.

2.2.5 Quality Assurance

Ensure that the construction of Axxis steel framing complies in all respects with the approved design drawings and specifications, and Building Consent.

Maintain and comply with industry-recognised quality control and assurance procedures to ensure that all stages of work are carried out to the highest standard.

2.2.6 Inspections & Defects

Visually inspect Axxis steel framing prior to installing exterior claddings and internal linings. Carry out repairs to Axxis steel framing where any corrosion or coating damage is present. Such affected steel shall be treated with 2 coats of zinc-rich primer.

Should defective materials and/or work be found at any time before the final acceptance of the work, it shall be rejected. Rejected Axxis steel framing shall be repaired and/or replaced to the satisfaction of the Contract Administrator, without delay and at the expense of the Contractor.