

Product Information Sheet

MANUFACTURER

New Zealand Steel Ltd, 131 Mission Bush Rd Glenbrook 2681,
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DESCRIPTION

AXXIS® Steel for Framing is New Zealand Steel's tinted, galvanised, high-tensile steel specifically designed for steel framing applications.

APPEARANCE

Solid blue tinted silver spangled steel sheet.

STANDARDS

Steel substrate is consistent with AS 1397:2021.

Tolerances are consistent with the requirements of AS/NZS 1365:1996.

SCOPE

AXXIS® Steel for Framing is available with a coating weight of Z275 in grade G550.

RELEVANCE TO THE NEW ZEALAND BUILDING CODE

• B1 Structure

Structural capacities of the finished members should be obtained from the manufacturer.

• B2 Durability

AXXIS® has a zinc coating in accordance with AS1397:2021. Durability of AXXIS® as a structural material can be determined by reference to the current Durability for AXXIS® publication.

• C Fire

AXXIS® is rated as a Group 1-S material and has an average specific extinction area of 40.2 m²/kg, a peak heat release rate of 2.3 kW/m² and total heat released of 0.1 MJ/m² when tested in accordance with ISO 5660:2002 Part 1 and Part 2.

INSTALLATION & MAINTENANCE

AXXIS® must be installed by a suitably qualified building practitioner in accordance with relevant National Association of Steel Framed Housing (NASH)¹ and New Zealand Steel literature.

Material should be used promptly (within 6 months) to avoid the possibility of storage related corrosion.

Mechanical properties are guaranteed at ambient/room temperatures. Please consult technical representatives at New Zealand Steel for high/low temperature use.

¹ NASH Standard for Residential and Low-rise Steel Framing, Part 1: Design Criteria
NASH Standard for Residential and Low-rise Steel Framing, Part 2: Light Steel Framed Buildings

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