

# Product Information Sheet

## MANUFACTURER

New Zealand Steel Ltd, 131 Mission Bush Rd Glenbrook 2681,  
[www.nzsteel.co.nz](http://www.nzsteel.co.nz)

## DESCRIPTION

GALVSTEEL® is a continuously hot dipped galvanised steel product with a spangled surface which is available in a variety of widths, gauges and mechanical grades.

## APPEARANCE

Solid 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

GALVSTEEL® is available in a range of grades from G250 to G550 and is extensively used in the building, automotive and agricultural sectors.

## RELEVANCE TO THE NEW ZEALAND BUILDING CODE

### • B1 Structure

The strength of products manufactured from GALVSTEEL® depends on the grade of steel used and the profiles it is formed into. Structural capacities of the finished members should be obtained from the manufacturer.

### • B2 Durability

GALVSTEEL® has a zinc coating in accordance with AS1397:2011. As a roofing and wall cladding material it can be used in environments as described in E2/AS1 Table 20.

### • C Fire

GALVSTEEL® is rated as a Group 1-S material and has an average specific extinction area of 0.8m<sup>2</sup>/kg, a peak heat release rate of 2.8 kW/m<sup>2</sup> and total heat released of 0.2 MJ/m<sup>2</sup> when tested in accordance with ISO 5660:2002 Part 1 and Part 2.

## INSTALLATION & MAINTENANCE

GALVSTEEL® must be installed by a suitably qualified building practitioner in accordance with 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.

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