

# Data Sheet

## HA1 FLOOR PLATE

### Hot-Rolled – Floor Plate

Revision: 22/04/2024

#### General Description

Commercial grade Floor Plate without guaranteed mechanical properties suitable for simple forming and bending operations.

#### Applications

- Steps
- Treads
- Flooring

#### Standards

- AS/NZS 1594:2002
- AS/NZS 1365:1996

CHEMICAL COMPOSITION	TYPICAL (wt%)	EXPECTED MAXIMUM (wt %) [1]
Carbon (C)	0.03	0.13
Silicon (Si)	0.006	0.03
Manganese (Mn)	0.18	0.50
Sulphur (S)	0.015	0.030
Phosphorus (P)	0.013	0.040

[1] Values shown refer to relevant Australian/ New Zealand standard unless tighter internal limits are applied.

#### MECHANICAL PROPERTIES

Not applicable

#### STANDARD PLATE SIZES

3 mm	1220 x 2400
4 mm – 10 mm	1220 x 2400 1520 X 3600

#### DIMENSION CAPABILITIES

THICKNESS (mm)	WIDTH (mm)
2.80 – 2.99	730 – 1240
3.00 – 10.00	730 – 1540

These dimensions are a reflection of technical capability to produce. Supply conditions may be subject to dimensional restrictions and is subject to New Zealand Steel Marketing confirmation.

Floor Plate may be supplied as either plate or coil. Other dimensional combinations may be available by enquiry.

#### FABRICATING PERFORMANCE (1 = LIMITED / 5 = EXCELLENT)

METHOD	RATING
Bending	3
Welding	5

