



GR350 GRADE STRUCTURAL STEEL PLATE

**AS/NZS 3678 - 350
STRUCTURAL STEEL PLATE**



GENERAL DESCRIPTION

A high strength structural steel product with 350MPa nominal yield strength.

TYPICAL USES

- General fabrication
- Structural members
- High-rise buildings
- Bridges
- Storage tanks

KEY FEATURES

- Guaranteed minimum strength levels
- Excellent weldability
- Good formability

CUSTOM RANGE

The Calibre Steel custom range offers flexible order quantities and a wide variety of grade and size combinations ordered to specification on a standard mill lead-time.

Optional mechanical testing options are available upon enquiry.

Tensile Properties (Transverse)

		Thickness [mm]					
		t ≤ 8	8 < t ≤ 12	12 < t ≤ 20	20 < t ≤ 25	25 < t ≤ 80	80 < t ≤ 100
Yield Strength [MPa]	Guaranteed Min	360	360	350	340	340	330
	Typical	360-540	360-470	350-440	350-440	380-470	430-420
Tensile Strength [MPa]	Guaranteed Min	450	450	450	450	450	450
	Typical	480-570	470-560	470-540	470-540	470-540	510-570

Stocked Range

Thickness [mm]	Width [mm]	Length [mm]
8	2400	9600
10	2400	9600
12	2400	9600
16	2400	9600
20	2400	9600
25	2400	9600
32	2400	9600
40	2400	9600
50	2400	9600
60	2400	7600
70	2400	7600
80	2400	7600
90	2400	7600
100	2400	6000