

Hot Rolled Formable HA 1

Revision 2, Nov 2010

GENERAL DESCRIPTION

Commercial grade steel without guaranteed mechanical properties, suitable for simple forming and bending operations.

TYPICAL USES

General fabrication, Shelving and brackets

STANDARDS

AS/NZS 1594
AS/NZS 1365

CHEMICAL COMPOSITION (%)

Element	Typical	Maximum ⁽¹⁾
Carbon	0.05	0.13
Silicon	0.007	0.03
Manganese	0.20	0.50
Sulphur	0.018	0.030
Phosphorus	0.011	0.040

⁽¹⁾ Values shown refer to relevant Australian/New Zealand standard unless stated otherwise.

MECHANICAL PROPERTIES

180° Transverse bend	1t
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DIMENSIONAL CAPABILITIES

Thickness (mm)	Width (mm)
2.00 – 2.20	730 - 1290
2.21 – 2.49	730 - 1378
2.50 – 13.00	730 - 1540

STANDARD PLATE SIZES

1220 x 2400
1520 x 3600

FABRICATION PERFORMANCE

	1 = Limited	5 = Excellent
Drawing		3
Pressing		3
Bending		4
Rollforming		4
Welding		5

AVAILABLE FORMS

Dry	Pickled & Oiled
Mill edge coil	Coil
Coil-Plate	Coil-Plate

Other dimensional combinations may be available by enquiry.

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