

Metallic Coated - MC

GENERAL DESCRIPTION

TRUECORE® steel is a hot dipped aluminum-zinc-magnesium alloy coated structural steel (AZ150) with passivated and blue resin coated.

TYPICAL USES

General manufacture for trusses and framing.

AUSTRALIAN STANDARD

AS/NZS 1365:1996 Tolerances for flat-rolled steel products
AS 1397:2011 Continuous hot-dip metallic coated steel sheet and strip – Coatings of Zinc and Zinc alloy with aluminum and magnesium.

INDONESIA STANDARD

SNI 4096:2007 Baja lembaran dan gulungan lapis paduan aluminium – seng (Bj.L AS)

Guaranteed Properties of Steel Based

Mechanical Properties	Guaranteed Minimum
	G550
Yield Strength (MPa)	550
Tensile Strength (MPa)	550
Elongation (% - on 50mm)	2

Refer Note 4

Chemical Properties of Steel Based

Elements	Guaranteed Max (%)
	G550
Carbon	0.20
Mangan	1.20
Phosporus	0.040
Sulphur	0.030

Metallic Coated - MC

Dimensional Capabilities

Thickness (BMT)	Width Range*
	G550
0,40	914, 1219
0,45	914, 1219
0,50	914, 1219
0,55	914, 1219
0,60	914, 1219
0,65	914, 1219
0,70	914, 1219
0,75	914, 1219
0,80	914, 1219
0,85	914, 1219
0,90	914, 1219
0,95	914, 1219
1,00	914, 1219

*Smaller width may be accommodated with additional cost

Refer Note 1

Important Notes:

1. The dimensions are a reflection of technical capability to produce and applicable market offer.
2. Supply condition may be subject to dimensional restrictions and is subject to PT. NS BlueScope Indonesia Sales and Marketing confirmation.
3. Optional supply conditions may be subject to dimensional restrictions.
4. Typical mechanical properties are based on typical dispatched to Customer. Note that ductility will decline through a natural ageing process during storage.
5. Material should be used promptly (within six months) to avoid the possibility of a storage related corrosion. Rollforming mark does not affect the performance of TRUECORE® steel. For storage, rollforming lubricants and other information, please refer to the Technical Bulletins TB18.