

DATA SHEET

GENERAL DESCRIPTION GaluZinc® steel G550 is hot-dipped aluminium-zinc alloy coated steel with a uniform minimize spangled surface suitable for broad range of roll-forming and structural usage.	TYPICAL USES Roll-formed structural sections, floor decking, rainwater goods, steel framing, cladding and etc.
	INTERNATIONAL STANDARD JIS G3321 / MS 1196

DIMENSIONS: (For normal supply product)

Preferred base metal thickness (mm)	Strip width range (mm)
0.35, 0.42	914
0.50, 0.60, 0.75, 1.00, 1.20	1150 / 1200 / 1219
*Any other sizes may be available on request	

MECHANICAL PROPERTIES

Steel Base	Typical (Basis 0.50mm thick)
Longitudinal tensile	
Yield strength, MPa	550 – 650
Tensile strength, MPa	570 – 700
Elongation on	2 – 11
80mm, %	70- 85
Hardness, HRB	2 – 3T
T-Bend	

CHEMICAL COMPOSITION

Typical maximum, %	
Carbon (C)	~0.15
Phosphorus (P)	~0.40
Manganese (Mn)	~0.50
Sulphur (S)	~0.05

SUPPLY CONDITION

	Normal
Coating class	AZ70, AZ100, AZ150, AZ200
Surface finish	Spangled
Surface treatment	Resin Coated Anti-Finger
Tolerance class*	Print
Thickness	
Width	AT
Flatness	AW
	AF

FABRICATION PERFORMANCE

1 = Limited to 5 = excellent NR=Not Recommend	
Bending	2
Drawing	NR
Pressing	NR
Roll-forming	3
Lock-forming	1
Welding	4
Painting (pre-treatment)	5

* The dimension tolerances for thickness, width, flatness and chamber shall be in accordance with the requirement of JIS G3302.

Note: Customer should use product promptly (within 6 months) to avoid the possibility of storage related corrosion

Please ensure you have the current data sheet for this product.

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