

DATA SHEET

GENERAL DESCRIPTION GaluZinc® steel G300 is hot-dipped aluminium-zinc alloy coated steel with a uniform minimize spangled surface suitable for broad range of usage including lock-forming application.	TYPICAL USES Doors and windows frame, structural sections, water tanks, signboard, rainwater goods, cladding, ducting, decking, roller shutter and etc.
	INTERNATIONAL STANDARD MS1196

DIMENSIONS: (For normal supply product)

Preferred base metal thickness (mm)	Strip width range (mm)
0.35, 0.42	914 (Upon Request)
Upon Request	1219
*Any other sizes may be available on request	

MECHANICAL PROPERTIES

Steel Base	Typical (Basis 0.42mm thick)
Longitudinal tensile	
Yield strength, MPa	300 – 420
Tensile strength, MPa	320 – 450
Elongation on	20 – 31
80mm, %	55- 65
Hardness, HRB	0 – 1T
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	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	5
Drawing	2
Pressing	1
Roll-forming	5
Lock-forming	4
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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