

GALUZINC®

Silvery Trendy Steel

DISTRIBUTE BY:

ASTEEL (SARAWAK) SDN BHD (1363731-A)			
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STYLISH & TIMELESS

MANUFACTURE BY:
ASTEEL SDN BHD (393042-D)

Kuching Factory
Lot 712, Block 7, Demak Laut Industrial Park, 93050 Kuching, Sarawak, Malaysia.
TEL: +6082 433888
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Aluminium



Zinc

GALUZINC®

Silvery Trendy Steel

Stands for aluminium and zinc, fused in almost equal proportions to coat the steel sheet with a unique silvery spangle, composed off aluminium (55%), zinc (43.5%) and a touch of silicon (1.5%) to achieve perfect harmony with the steel. The result is a combination of the strength of steel, the protection of zinc and stability of aluminium, GaluZinc is an outstanding product in every way, respecting both the environment and the "natural beauty of steel... forever".

Improved Durability-AZ150

For more than a quarter of a century, GaluZinc has demonstrated its outstanding resistance to atmospheric corrosion. This is the result of the combined action of aluminium and zinc.

Product Standards

JIS G3321

AS 1397

MS 1196

Cross Section of Galuzinc®

- Clear Resin Coating
- Aluminium-Zinc Coating
- Inter-metallic Alloy Layer
- **Base Steel**
- Inter-metallic Alloy Layer
- Aluminium-Zinc Coating
- Clear Resin Coating

warranty* against perforation.



* warranty subjects to terms and conditions.

Dimensions:

Preferred Base Metal Thickness (BMT), mm

914mm Width

0.35, 0.38, 0.40, 0.42, 0.48, 0.60

1219mm Width

0.40, 0.45, 0.50, 0.60, 0.75, 0.80, 1.00, 1.20

Mechanical Properties:

Yield Strength, MPa

min 550

Tensile Strength, MPa

min 570

Elongation, %

min 2 (BMT >0.60mm)

Coating and Surface Treatment:

Coating Class

AZ150

Coating Composition

55% Aluminium, 43.5% Zinc and 1.5% Silicon

Surface Condition

Regular

Surface Treatment

Chromate Treatment

Chemical Composition:

	Typical %
Carbon (C)	0.04 - 0.06
Manganese (Mn)	0.20 - 0.30
Phosphorus (P)	0.01 - 0.02
Sulphur (S)	0.01 - 0.02
Silicon (Si)	0.01 - 0.02

Dimensional Tolerances:

Thickness, mm	± 0.05 (0.25 ≤ BMT < 0.40), ± 0.06 (0.40 ≤ BMT < 0.80)
Width, mm	-0, +3
Camber, mm	≤ 2
Flatness, mm	Edge wave: ≤4, Center Buckle: ≤4