

# Galvalume Steel Coil (Aluzinc / AZ)

55% Al-Zn Alloy Coated Steel | AZ70-AZ185 | ASTM A792 / JIS G3321 / EN 10346 | 4x Better Corrosion Resistance

0.12-1.5mm	600-1250m	AZ30-AZ18	5	55%	25-50 yrs	25 MT
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## PRODUCT SPECIFICATIONS

Process	Continuous hot-dip 55% Al-Zn alloy coating
Alloy Composition	55% Aluminium + 43.4% Zinc + 1.6% Silicon
Thickness	0.12 mm - 1.5 mm (tolerance +/-0.02 mm)
Width	600 mm - 1250 mm (custom slit available)
Coil Weight	3 - 10 metric tons per coil
Inner Diameter	508 mm / 610 mm
Coating Mass	AZ30 / AZ50 / AZ70 / AZ100 / AZ150 / AZ185 g/m2
Surface Finish	Regular / Minimized / Skin-passed spangle
Treatment	Chrome-free passivation + oiling (standard)
Yield Strength	140 - 550 MPa (grade dependent)
Tensile Strength	270 - 570 MPa
Elongation	12% - 30%
Corrosion Resist.	4x better than equal-weight hot-dip galvanized
Heat Resistance	Up to 315 degrees C continuous service
Reflectivity	High solar reflectance (energy-saving roofing)

## AVAILABLE GRADES & INTERNATIONAL STANDARDS

Standard	Grade	Coating	Application
ASTM A792	CS-B / SS Gr33/37/40/50/80+AZ	AZ50-150	General / Structural
JIS G3321	SGLCC / SGLCH / SGLC340/400/570	AZ60-185	Roofing / Structural
EN 10346	DX51D / DX52D / S280-S550 GD+HF	AZ70-185	Construction / Solar

Standard	Grade	Coating	Application
AS 1397	G2 / G300 / G350 + AZ150	AZ150	Australia / NZ roofing
GB/T 14978	DC51D / S350 + AZ	AZ100-185	China standard

## TYPICAL APPLICATIONS

- \* Standing seam & corrugated metal roofing
- \* Solar panel mounting brackets & frames
- \* Long-span industrial & agricultural roofing
- \* Wall cladding in coastal environments
- \* Grain silos & storage structures
- \* HVAC flue ducts & chimney liners
- \* Automotive heat shields
- \* Pre-painted substrate (PPGI base coil)

## WHY CHOOSE CHINACNU

- + 4x corrosion resistance vs. standard GI
- + 25-50 year service life (roofing)
- + ISO 9001:2015 certified
- + ASTM A792 / JIS G3321 compliant
- + Ideal for coastal & humid climates
- + High reflectance energy-saving option
- + Chrome-free eco-friendly coating
- + Free samples & mill test certificate

## Get a Free Quote Today

MOQ 25 tons | FOB Qingdao | 15-20 days delivery | Free samples available

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