



COVERWORLD
UK LIMITED

COVERWORLD ALUZINC

DATA SHEET

Properties

- 55% aluminium, 43.4% zinc, 1.6% silicon
- Good abrasion resistance due to hardness
- Good corrosion resistance at high temp
- Excellent thermal and light reflectivity

Applications

External uses : used widely in roofing, cladding and structural sections

Description

Material	Steel Grade	DX51D + AZ
	Steel Standard	EN10346 (00-03-2009)
Coating	Sides	Two Sided
	Specification	AZ150
	Finish	N, normal spangle
	Weight	150g/m ²

Mechanical Properties

Thickness (0.2 – 0.7mm)	
• Re (MPa)	≥ 140
• Rm (MPa)	270 – 500
• A80 (%)	≥ 20
• Bending ratio	-
• r90	-
• n90	-
Thickness (0.7 – 3.0mm)	
• Re (MPa)	≥ 140
• Rm (MPa)	270 – 500
• A80 (%)	≥ 22
• Bending ratio	-
• r90	-
• n90	-

Chemical Composition

C (%)	≤ 0.120
Mn (%)	≤ 0.600
P (%)	≤ 0.100
S (%)	≤ 0.045
Si (%)	≤ 0.500
Al (%)	-
Nb (%)	-
Ti (%)	≤ 0.300

roofing and cladding technology

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