

## RAKSHAK TECHNICAL DATA SHEET (ALU-ZINC)

Brand Name	RAKSHAK (SATIN FINISH ALU ZINC GC)
Product Name	55% Aluminum zinc Alloy coated steel sheet
Reference Standard	IS 15961
Thickness Range (TCT) mm	0.20 to 0.60
Width Range (mm)	900, 1000 & 1320
Alu-Zinc Coating (GSM)	70 to 150
Material Grade	YS 550 MPA
<b>Mechanical Property</b>	
Yield Strength(MPA)	550 Min
Tensile Strength(MPA)	-
Elongation(%)-	N.A.
Surface Treatment	<b>Thin Organic Coating</b> (Acrylic coated Alu Zinc exhibits enhanced formability and corrosion resistance without the need for oils or lubricants)
Resistance to corrosion	1000 hours Salt Spray Test Pass
Logo Marking (Top Side)	APL APOLLO+ RAKSHAK(SATIN FINISH ALU ZINC GC)+ ISI Marking with license number
Video Jet Printing	Thickness/GSM/Coil No.
Properties	<ul style="list-style-type: none"><li>• Good corrosion resistance at high temperature</li><li>• Good abrasion resistance due to high hardness</li><li>• Excellent thermal and light reflectivity (SRI)</li><li>• Alu-Zinc Coated Product provides at least twice corrosion protection with respect to Galvanised coated steel of equivalent coating thickness (AZ70 ≈ Z120)</li><li>• 55 % Aluminium-Zinc alloy coating with higher electrochemical impedance than galvanised steel and therefore Provides greater barrier protection</li></ul>
Applications	Widely used in Roofing, Cladding