



24 GAUGE

ALUMINUM-ZINC ALLOY COATED STEEL

TEST CERTIFICATE

PREPAINTED 55% ALUMINUM-ZINC ALLOY COATED STEEL
24 GAUGE ALUMINUM-ZINC ALLOY COATED STEEL A AZ50/150,GR50

CHEMICAL COMPOSITION (%)							HARD NESS	ERIC HSEN	TENSILE TEST			BENDING TEST	AL-ZINC COATING (g/m ²)	HEAT No.	CROSSCT ERI TEST	RESISTANCE	IMPACT	PENCIL	GLOSS TEST (%)	SALT SPRAY	WEATHER	HCL	NaOH	COATING THICK (μm)	SPANGLE
X 1000									N/m ²		%														SURFACE FINISHING
C	Si	Mn	P	S	Al	B			HRB	mm	YP					TS									EL
117	11	507	12	6	24	0	71.5	7.7	497	544	19.7	G	157.0	SP20471	G	G	G	G	6.7 37.2	G	G	G	G	36 5	EXTRA SMOOTH
117	11	507	12	6	24	0	71.5	7.7	497	544	19.7	G	157.0	SP20471	G	G	G	G	6.7 37.2	G	G	G	G	36 5	EXTRA SMOOTH
117	11	507	12	6	24	0	71.5	7.7	497	544	19.7	G	157.0	SP20471	G	G	G	G	6.7 37.2	G	G	G	G	36 5	EXTRA SMOOTH
117	11	507	12	6	24	0	71.5	7.7	497	544	19.7	G	157.0	SP20471	G	G	G	G	6.7 37.2	G	G	G	G	36 5	EXTRA SMOOTH
117	11	507	12	6	24	0	71.5	7.7	497	544	19.7	G	157.0	SP20471	G	G	G	G	6.7 37.2	G	G	G	G	36 5	EXTRA SMOOTH

We hereby certify that the 24 Gauge material herein has been made and tested in accordance with the above specification and the results of all test are acceptable.

Material - Preprinted 55% Aluminum-Zinc Alloy Coated Steel (Galvalume® or approved equivalent)

Base Metal Thickness 24 Gauge Nominal Thickness: **0.0235 in.**

Steel Grade **ASTM A792/A792M** Structural Grade **Grade 50** Minimum Yield Strength: **50 ksi** Minimum Tensile Strength: **65 ksi (450 MPa)**

Metallic Coating - 55% Aluminum-Zinc Alloy Coating **AZ50 (Imperial)** – 0.50 oz/ft² total both sides. Conforming to **ASTM A792/A792M**

Corrosion Resistance - 55% Aluminum-Zinc alloy coating providing excellent atmospheric corrosion resistance.

Applicable Standards ASTM A792/A792M, ASTM A755/A755M, ASTM A653/A653M, ASTM E1592, ASTM E1680, ASTM E1646

300 Penn Ave, Levittown, PA 19057
info@metalbends.com | www.metalbends.com
(215) 942-46-43

