

FROM STRENGTH TO STRENGTH

# ZINCALUME<sup>®</sup> ULTRA steel



GENERAL DESCRIPTION		STEEL BASE (GUARANTEED) LONGITUDINAL TENSILE	
ZINCALUME <sup>®</sup> ULTRA steel is a hot dipped 55% zinc/aluminum alloy-coated structural steel with a spangled surface and varieties yield strength (G550 and G300)		MECHANICAL PROPERTIES	
		GUARANTEED	
		G550	G300
		Yield Strength (Mpa)	min 300
		Tensile Strength (Mpa)	min 340
		Elongation on 50mm (% El.)	min 20
		180° transverse bend (L axis)	1 t
METAL COATING		STANDARD PRODUCTS	
Nominal Coating Mass (gr/sqm2) : 200 gram/m2 both surfaces Approximate Coating Thickness (micron) : 60 micron		BMT (mm)	
		WIDTH RANGE (mm)	
		G550	G300
		0.25	914, 1219
		0.30	914, 1219
		0.35	914, 940, 1219
		0.40	914, 940, 1219
		0.45	914, 1170, 1219
TYPICAL USES		NON-STANDARD PRODUCTS	
G550: Roll formed roofing and walling G300: Roll formed house framing, RWG, and garden sheds		CLASSIFICATION	
		BMT (mm)	
		WIDTH (mm)	
		Non-Standard Product 1	0.25 - 0.80 Standard Width
		Non-Standard Product 2	0.25 - 0.80 Odd Width
		Note: Common width (mm): 914, 940, 1170, 1219 Odd Width are all other width defined in the Commercial Availability Table	
TYPICAL CHEMICAL COMPOSITION (%) OF STEEL BASE		FABRICATING PERFORMANCE	
Carbon (C)	0.030 - 0.070	G550	G300
Phosphorus (P)	0.000 - 0.025	Bending	Fair
Manganese (Mn)	0.015 - 0.300	Drawing	Excellent
Sulphur (S)	0.000 - 0.025	Pressing	Poor
Silicon (Si)	0.000 - 0.030	Roll-Forming	Excellent
Aluminum (Al)	0.020 - 0.070	Painting (pretreatment)	Excellent
		Welding	Good
SUPPLY CONDITION (Normal)			
Coating Class	: AZ 200		
Surface Conditions	: Passivated & Resin Coated		
Bore Diameter	: 508 mm ± 10 mm		
Branding	: yes		

STANDARDS: AS 1397:2001, AS 1365:1996, SNI 4096-2007 LSPR-004-IDN

For product identification and originality, please check the following brand along the edge of the coil reverse side:

"ZINCALUME(R) steel made by BlueScope Steel 21:26 05:03:08 08 SNI 4096:2007 LSPR-004-IDN"



Please ensure you have the current data sheet for this product

**PT NS BlueScope Indonesia**

SALES & MARKETING OFFICES:

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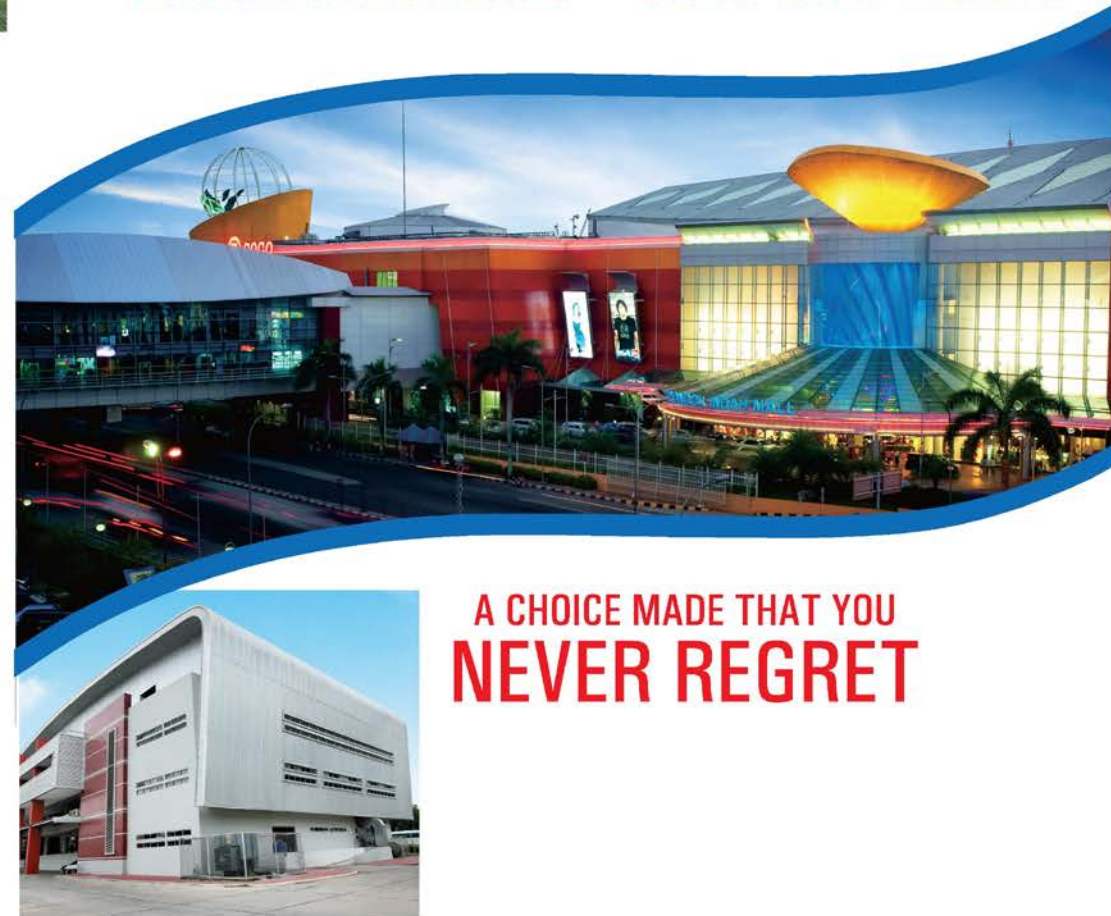
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A CHOICE MADE THAT YOU  
**NEVER REGRET**



DESIGN FLEXIBILITY



HI-TECH PRODUCTION



DURABILITY/ SECURITY



RECYCLING



THERMAL EFFICIENCY



WARRANTY



WHEN YOUR NAME IS ON THE LINE, MAKE SURE OURS IS ON THE STEEL