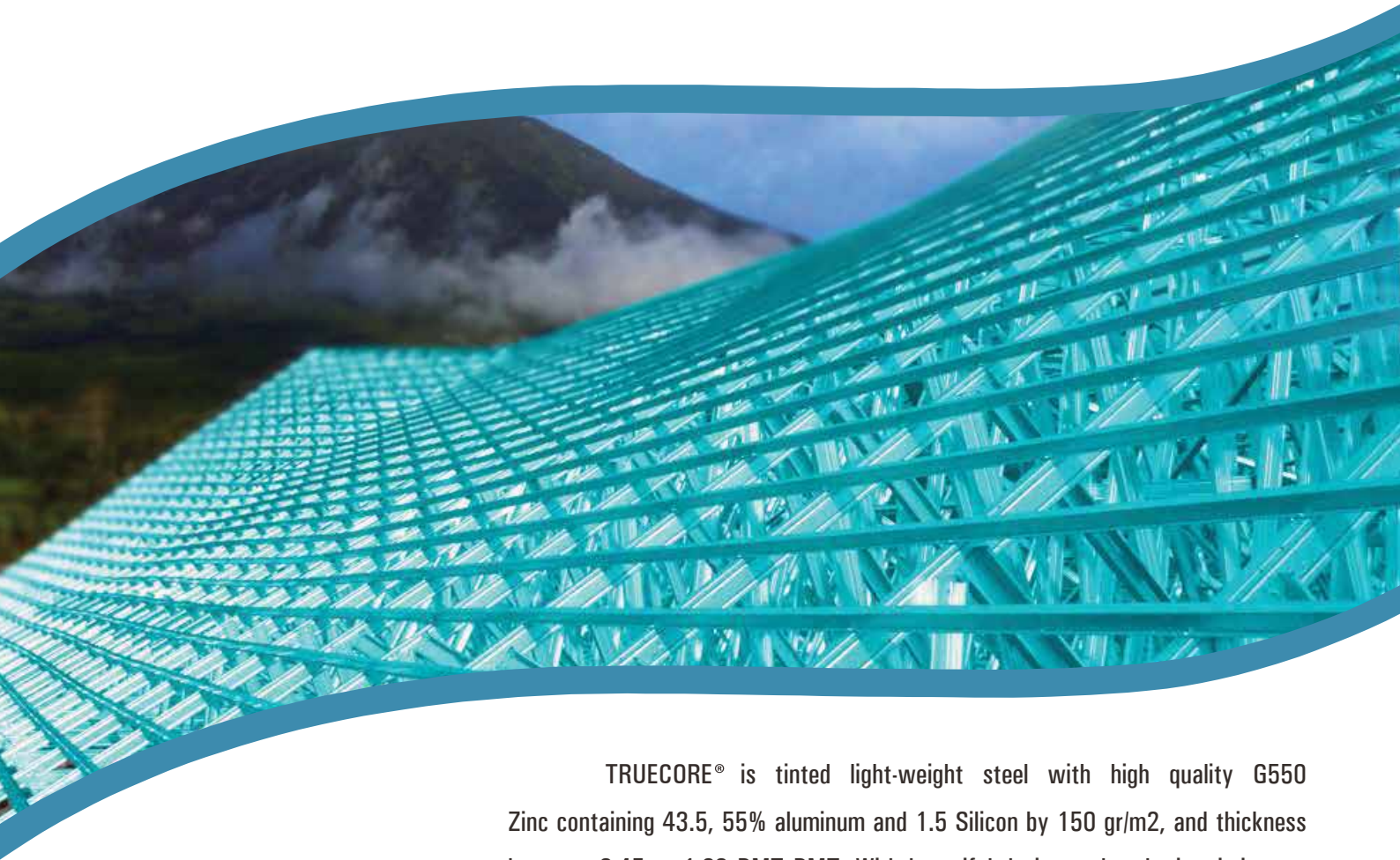




BEST LIGHT - WEIGHT STEEL FOR ROOF TRUSS & WALL FRAMES APPLICATIONS

# TRUECORE®



TRUECORE® is tinted light-weight steel with high quality G550 Zinc containing 43.5, 55% aluminum and 1.5 Silicon by 150 gr/m<sup>2</sup>, and thickness between 0.45 to 1.00 BMT BMT. With beautiful design and esthetics, it is very suitable for roof truss & wall frames applications.

## NEVER SETTLE FOR LESS THAN ORIGINAL TRUECORE®



DESIGN  
FLEXIBILITY



HI-TECH  
PRODUCTION



RECYCLING



THERMAL  
EFFICIENCY



BEAUTIFUL AND AESTHETIC TINTED ROOF TRUSS & WALL FRAME



## GENERAL DESCRIPTION

TRUECORE® is tinted light-weight steel with high quality G550 Zinc containing 43.5, 55% aluminum and 1.5 Silicon by 150 gr/m<sup>2</sup>, and thickness between 0.40 to 0.75 BMT.

## METAL COATING

Nominal Coating Mass (gr/m<sup>2</sup>) : 150 gram/m<sup>2</sup> (both surface)  
Approximate Coating Thickness (micron) : 46 micron

## APPLICATIONS

Roof Truss & Wall Frame

## TYPICAL CHEMICAL COMPOSITION (%) OF STEEL BASE

	G550
Carbon (C)	0.035 - 0.070
Phosphorus (P)	0.000 - 0.020
Manganese (Mn)	0.100 - 0.300
Sulphur (S)	0.000 - 0.020
Silicon (Si)	0.000 - 0.020
Aluminum (Al)	0.020 - 0.070
Nitrogen (N)	0.000 - 0.008

## STANDARD SHIPPING CONDITIONS

Coating Class : AZ 150  
Surface Conditions : Passivated & Resin Coated  
Bore Diameter : 508 mm  
Branding : Yes

## STEEL BASE (GUARANTEED) LONGITUDINAL TENSILE

### MECHANICAL PROPERTIES

### GUARANTEED

	G550
Yield Strength (Mpa)	-
Tensile Strength (Mpa)	min 550
Elongation on 50 mm	-
Hardness HR30T	min 68
180° transverse bend (L axis)	-

## PRODUCT STANDARDS

BMT (mm)	LEBAR (mm)
0.40	1219
0.45	1219
0.60	1219
0.70	1219
0.75	1000,1219

## PERFORMANCE FABRICATION

	G500
Bending	Fair
Drawing	Poor
Pressing	Poor
Roll-Forming	Excellent
Painting (pretreatment)	Excellent

To identify the authenticity of the product, please check the branding on the back of the coil :

"TRUECORE (R) made by BlueScope Steel 20:18:07:03:04 08 SNI 4096 :2007 LSPR-004-IDN"

Make sure you get the latest technical sheet for this product



www.nsbluescope.com/id  
0899-9990-888

## PT NS BlueScope Indonesia

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