



**DESCRIPTION**

Prepainted ZINCALUME® steel

**STANDARD**

Substrate manufactured to AS1397:2011

**SUBSTRATE COATING CLASS**

AZ200

**TYPICAL APPLICATIONS**

Very severe environments, industrial roofing, wall cladding

**STANDARD COLOURS**

20 colours

**STRIPPABLE FILM**

Available on request

**BACKING COAT**

Perpetual Grey®



**DESCRIPTION**

Prepainted ZINCALUME® steel

**STANDARD**

Substrate manufactured to AS1397:2011

**SUBSTRATE COATING CLASS**

AZ150

**TYPICAL APPLICATIONS**

Roofing, cladding, rainwater goods, garage doors, fence panels

**STANDARD COLOURS**

20 colours

**STRIPPABLE FILM**

Available on request

**BACKING COAT**

Perpetual Grey®

**MAXX® PHYSICAL PROPERTIES**

**Pencil hardness**

F minimum

**Reverse impact resistance (10 joules)**

Pass

**T-bend test**

No tape off

4T minimum

**Top coat specular gloss (60° head)**

Nominal Range	Tolerance
0-15	± 3
16-80	± 10
80+	Nominal -10

**Chalk rating (AS1580: 481.1.11, 1998)**

≤4 (10 years exposure)

**Colour retention (CIE Lab units, Delta E)**

8 units (maximum) – 10 years exposure

10 units (maximum) – 15 years exposure

**ENDURA® PHYSICAL PROPERTIES**

**Pencil hardness**

F minimum

**Reverse impact resistance (10 joules)**

Pass

**T-bend test**

No tape off

4T minimum

**Top coat specular gloss (60° head)**

Nominal Range	Tolerance
0-15	± 3
16-80	± 10
80+	Nominal -10

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**Colour retention (CIE Lab units, Delta E)**

8 units (maximum) – 10 years exposure

10 units (maximum) – 15 years exposure

# Zincalume®

## Description

Steel base hot dip coated with a 45% zinc, 55% aluminium alloy coating

## Standard

Manufactured to AS1397:2011

## Typical applications

Roofing, cladding rainwater goods, air conditioning, garage doors

### ZINCALUME® AVAILABILITY

#### Grades

G300, G550

#### Thickness (BMT)

0.33 – 1.15mm

#### Width

70 – 1230mm

### ZINCALUME® COATING

#### Coating type

AZ (naturally small spangle)

#### Coating mass – standard (g/m<sup>2</sup>)

150

# GALVSTEEL®

## Description

Steel base hot dip coated with a zinc coating

## Standard

Manufactured to AS1397:2011

## Typical applications

Roofing, cladding, drums and tubes, purlins, air conditioning, culverts, sheet metal work, concrete form work

### GALVSTEEL® AVAILABILITY

#### Grades

G1, G250, G300, G450, G500, G550

#### Thickness (BMT)

G1, G250: 0.30 – 2.00mm

G300, G550: 0.30 – 1.00mm

G500: 1.01 – 1.49mm

G450: 1.50 – 2.00mm

#### Width

70 – 1230mm

### GALVSTEEL® COATING

#### Coating type

Z (regular spangle)

#### Coating mass – standard (g/m<sup>2</sup>)

100, 200, 275, 450, 600

### FABRICATION PERFORMANCE FOR ZINCALUME® AND GALVSTEEL®

PROCESS	GRADE G1/G250/G300	GRADE G450/G500/G550
Bending	Excellent	Limited
Drawing	Fair	Not recommended
Pressing	Limited	Not recommended
Roll-Forming	Excellent	Excellent
Painting	Excellent	Excellent

NOTE: Not all combinations of grade, thickness and width are readily available. Please discuss your specific requirements with your steel supplier or New Zealand Steel.

For more information about NEW ZEALAND STEEL products call **0800 100 523** or visit **[nzsteel.co.nz](http://nzsteel.co.nz)**



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