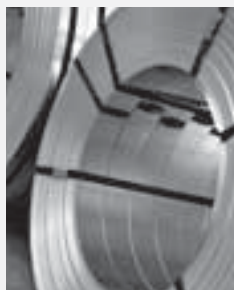


Flat Rolled Products



Flat Rolled Products



Cold Rolled Sheet and Coil

Product Shortname: CR & CRCL

COMMERCIAL DRAWING QUALITY

Specifications: AS/NZS 1595 NZCD-SD
JIS G3141-SPCC SD

Size Designation:

Sheet: thickness (mm) x width (mm) x length (m)
Coil: width (mm) x thickness (mm)

Mechanical Properties		
Longitudinal Tensile	Typical	Specification
0.2% Proof Stress MPa	190	160 - 240
Tensile Strength, MPa	340	290 - 365
% Elongation on GL = 50	45	34% min
HRB Hardness	52	40 - 60

Applications:

Excellent for bending and roll forming. Good for pressing, drawing and welding.

Standard Size Range Available:

Sheet	0.6	0.8	1.0	1.2	1.6	2.0	2.5	3.0
2438 x 1219	✓	✓	✓	✓	✓	✓	✓	✓
Coil Width								
1219	✓	✓	✓	✓	✓	✓	✓	✓

✓ denotes sizes normally available. Contact your local branch for sizes outside this range. Other widths are sourced as required.

Tolerances:

NZ Steel NZCD-SD

**Full coil sheeting, slitting, blanking and recoiling facilities available at Easysteel's Service Centres.
Can we help reduce your wastage?**

See page 99 for more details

Flat Rolled Products



Hot Rolled Sheet and Coil

Product Shortname: HR & HRCL

Specifications: AS/NZS 1594 HA250 Structural Grade
 JIS G3131 SPHC Commercial Quality

Mechanical Properties	Thickness \leq 3.00mm	
	Typical	Minimum
Yield Strength, MPa	275	250
Tensile Strength, MPa	380	350
Elongation on GL = 200	31	16

Size Range Available in Stock:

HR SPHC				
Sheet (mm)	Thickness (mm)			
	1.6	2.0	2.5	3.0
2440 x 1219	✓			
2440 x 1524		✓		
Structural Grade				
2400 X 1220			✓	
2440 X 1220		✓		

Coated Sheet Steel And Coil

Easysteel has established supply channels for a wide range of coated steel sheet and coil products.

The specific end use and aesthetic requirements determine suitability of available products for particular applications. Customers interested in further information should contact their local branch for product and supply details.

Easysteel can source non standard widths and lengths through suppliers or from our coil and sheet processing service centres.

✓ denotes sizes normally available. Contact your local branch for sizes outside this range. Other widths are sourced as required.

Flat Rolled Products



Galvanised Steel Sheet and Coil

Product Shortname: GSH, GC10, GC25, GC30, GC45, GC50 & GC55

Specifications: NZS/AS 1397:2001 G250
 JIS G3302 SGHC or SGCC (Commercial Quality)
 AS 1397 on application only
 "Zincform"
 "Zinc-Hi-Ten"
 "Galva-Bond"

Description: Hot dipped, 100% Zinc coated Steel

Available Grade: GC, G250, G300, G450, G500, G550

Typical Application: Roofing, Cladding, Drums and Tubes, Purlins, Air Conditioning, Culverts, Sheet Metal Work, etc.

Mechanical Properties	Guaranteed Minimum
Yield Strength, MPa	250
Tensile Strength, MPa	320
Elongation on 50mm % ($\geq 0.6\text{mm}$)	25
180° transverse bend (L axis)	0t

COATING WEIGHTS						
NZ	grams/m ² symbol	100 Z100	200 Z200	275 Z275	450 Z450	600 Z600
Japan/Korea	grams/m ² symbol		200 Z20	275 Z27	450 Z45	600 Z60
Australia	grams/m ² symbol		200 Z200	275 Z275	450 Z450	600 Z600

Finishes Available: Product is available in Regular Spangle. Minimised Spangle, skin passed and Zero Spangle can be sourced.

Flat Rolled Products



Galvanised Steel Sheet and Coil

Product Shortname: GSH, GC10, GC25, GC30, GC45, GC50 & GC55

Description: Hot dipped, 100% Zinc coated Steel

Available Grade: G250, G300, G450, G500, G550

Coating Class: ZR- (Regular Spangle)

Pre-painted Colour Steel is available. (Standard Colours: 4 Colours)

Standard Sheet Range Available:

Sheet (mm)	Thickness (mm)								
	0.45	0.55	0.75	0.95	1.15	1.55	2.0	2.5	3.0
2438 x 1219	✓	✓	✓	✓	✓	✓	✓	✓	✓
3000 x 1524		✓	✓	✓	✓	✓	✓		
Coil Width (mm)									
1219	✓	✓	✓	✓	✓	✓	✓	✓	✓
1524		✓	✓	✓	✓	✓	✓		

✓ denoted sizes normally available. Contact your local branch for sizes outside this range. Other widths are sourced as required.

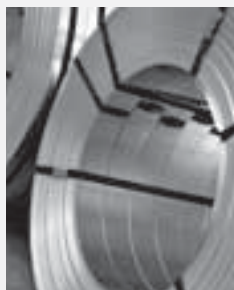
Note: Thickness refers to base metal thickness (BMT).

Easysteel offers a coil shifting, sheeting, blanking and guillotine service for you to get the most economical use of your material. See page 99 for more details.

Equivalent Coating Thicknesses												
											Unit: mm	
Coating mass symbol	ZR06	ZR08	ZR10	ZR12	ZR18	ZR20	ZR22	ZR25	ZR27	ZR35	ZR45	ZR60
Equivalent coating thickness	0.013	0.017	0.021	0.026	0.034	0.040	0.043	0.049	0.054	0.064	0.080	0.102

Coating mass symbol	F04	F06	F08	F10	F12	F18
Equivalent coating thickness	0.008	0.013	0.017	0.021	0.026	0.034

Flat Rolled Products



Electrogalvanised Steel Sheet and Coil

Product Shortname: EG, EGCL

Specifications: JIS G3313 SECC-SC Commercial Drawing Quality
 SECD-SD Deep Drawing Quality
 RoHS compliant SECN Extra Deep Drawing Quality

Coating Mass: Standard 163/m². Other Coating weight are sourced as required

Note: Base Metal is Cold Rolled Sheet and Coil, but is further processed and electrogalvanised with zinc followed by a chemical surface treatment to inhibit development of white rust and improve paintability.
 Not suitable for external applications.

Mechanical Properties	Guaranteed Minimum
Tensile Strength, MPa	270
Elongation %	≥ 37

Standard Size Range Available: SECC Only

Sheet (mm)	Thickness (mm)							
	0.6	0.8	1.0	1.2	1.6	2.0	2.5	3.0
2438 x 1219	✓	✓	✓	✓	✓	✓	✓	✓
Coil Width								
1219	✓	✓	✓	✓	✓	✓	✓	✓

✓ denotes sizes normally available. Contact your local branch for sizes outside this range. Other widths are stocked as required.

Note: Thickness refers to base metal thickness (BMT).

Easysteel offers a coil slitting, sheeting, blanking and guillotining service for you to get the most economic use of your material. See page 99 for more details.

Flat Rolled Products



Zinc/Aluminium Alloy Coated Steel

Product Shortname: ZASH, ZCL, ZCL3 & ZCL5

Specification: AS 1397:2001

Applications: Roofing, cladding, rainwater goods, purlins, girts, air conditioning, garage doors.

Description: Hot dipped, 45% Zinc 55% Aluminium, Alloy coated Steel

Available Grade: G300, G550

Coating Class: Coating Type: AZ (naturally small spangle)
Coating Mass: Standard 150 g/m²

NZ Steel Brand Name: Zinalume® Pre-painted Colour Steel is available. (Standard Colours: 17 Colours)

Mechanical Properties	Guaranteed Minimum
Yield Strength, MPa	300
Tensile Strength, MPa	340
Elongation on 50mm % ($\geq 0.6\text{mm}$)	20
180° transverse bend	1t

Size Range Available:

BMT	Width Thickness	
	G300	G550
0.30 - 0.35	70 - 1000	70 - 1000
0.36 - 0.94	70 - 1230	70 - 1230
0.95 - 1.15	70 - 1230	70 - 1230

Standard Sheet Range Available:

Thickness (mm)	0.55	0.75
2438 x 1219mm	✓	✓

Other sizes available on request.

✓ denotes sizes normally available. Contact your local branch for sizes outside this range. Other widths are stocked as required.

Note: Thickness refers to base metal thickness (BMT).

Easysteel offers a coil slitting, sheeting, blanking and guillotining service for you to get the most economic use of your material. See page 99 for more details.

Flat Rolled Products



Aluminised Sheet and Coil

Product Shortname: ALMS, ALMC

Specifications: T1.25 Base.
T1.40 Coating Extra
CQ Commercial Quality
DQ Drawing Quality
DQSK Deep Drawing Quality

Applications: Greater heat resistance than galvanised and cold reduced steel and maintains finish at elevated temperatures.

Typical stock grade is CQ T1.40. *ROHS Compliant.

Standard Size Range Available:

	Thickness (mm)		
Sheet (mm)	0.8	1.2	1.6
2438 x 1219	✓	✓	✓
Coil (mm)			
1219	✓	✓	✓

✓ denotes sizes normally available. Contact your local branch for sizes outside this range.

Easysteel offers a coil slitting, sheeting, blanking and guillotining service. See page 99 for more details.

*Chrome Free Material available