Coated Steel - Metallic
Data Sheet

November 2025 - This literature supersedes all previous issues

ZINCSEAL® steel G2S

General description

ZINCSEAL® steel G2S is a low coating mass zinc/iron alloy-coated commercial forming steel suitable for bending and moderate forming. It has a skin-passed smooth surface finish providing a surface suitable for a high quality paint finish.

Typical uses

Office furniture, light fittings, general fabrication.

Australian and International Standards

AS/NZS 1365:1996 (R2016)

AS 1397:2021

ISO 9001:2015 Quality System certified

Guaranteed properties of steel base

Mechanical properties	Guaranteed minimum
Elongation on 80mm (≥ 0.60mm) % (transverse tensile)	27
180° Transverse Bend	0t

Chemical composition of steel base

Chemical properties	Guaranteed maximum %
Carbon – C	0.10
Manganese – Mn	0.45
Phosphorus – P	0.030
Sulphur – S	0.030

Dimensional capabilities

Thickness range (mm)	Max width (mm)
0.55 – 2.0	1525

Notes: Not every combination of thickness and width may be available. Supply conditions may be subject to dimensional restrictions and are subject to BlueScope Sales and Marketing confirmation. Slitting and shearing available on request from BlueScope Sales Offices. For requirements outside the standard product range please contact your local Sales Office.

Fire hazard properties

Test & Evaluation Methods	Range	Result
Simultaneous determination of ignitability, flame propagation, heat release and smoke release (AS/NZS 1530.3:1999 (R2016)) *	Ignitability Index (0 – 20)	0
	Spread of Flame Index (0 – 10)	0
	Heat Evolved Index (0 – 10)	0
	Smoke Developed Index (0 – 10)	1
NCC non-combustible material (NCC 2022)	National Construction Code, Building Code of Australia 2022; Volume 1 Part C1, C2D10, (5)	Non-combustible

Supply conditions

Attribute	Normal	Optional
Coating Class	ZS30	-
Surface Condition	Smooth matte	-
Surface Treatment	Phosphated	-
Branding	Not branded	-
Tolerance – Dimensions	A Class	B Class
Tolerance – Flatness	A Class	B Class

Important Notes: Optional supply conditions may be subject to dimensional restrictions.

Fabricating performance

Method	Rating
Bending	5
Drawing	3
Pressing	3
Rollforming	5
Lock Forming	-
Welding	5
Painting Pre-treatment	5

Where: 1 = Limited to 5 = Excellent or NR = Not Recommended
The ratings in this table are general indicators only, given as a guide to fabricating performance.

Important information

This type of product is not suitable for painting in coil form and forming post painting as problems may be experienced with paint adhesion.

Material should be used promptly (within six months) to avoid the possibility of a storage related corrosion. For selection of the most appropriate metallic coated steel, please refer to Technical Bulletins TB1a, TB1b, CTB21 and CTB22. For storage, rollforming lubricants and other information please refer to the Technical Bulletins.

The information contained in this datasheet is provided by way of general information about this product only, and has not been prepared with your specific needs in mind. We recommend that you seek BlueScope Steel Limited's advice as to the suitability of this product for the purpose(s) for which you propose to use it. To contact BlueScope Steel Limited for advice about your proposed use of this product, please contact Steel Direct. ZINCSEAL®, BlueScope and the BlueScope brand mark are registered trade marks of BlueScope Steel Limited. © 2025 BlueScope Steel Limited ABN 16 000 011 058. All rights reserved.