



Purlins, Rails, Eaves Beams & Mezzanine Flooring Beams

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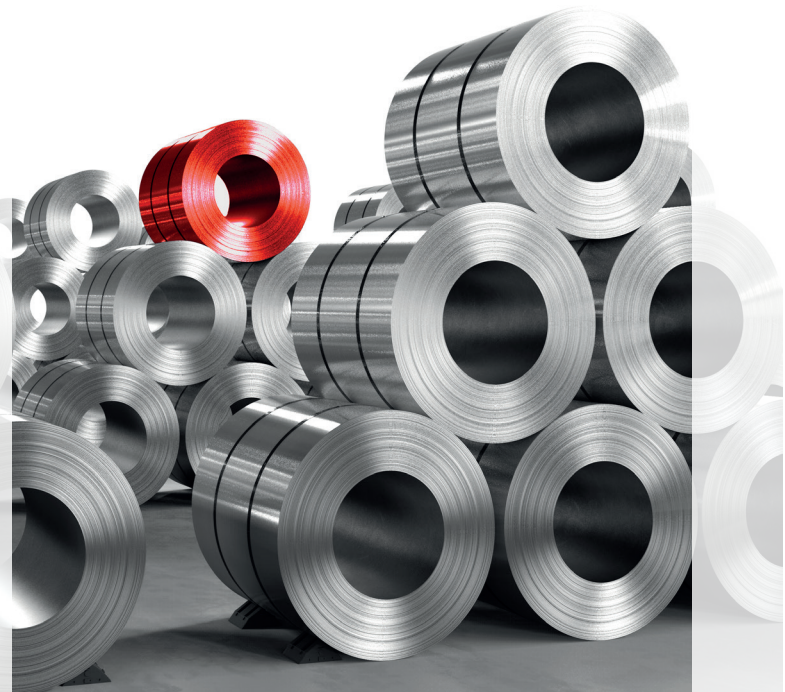


SECONDARY STEELWORK

Serving the Industrial, Agricultural, Commercial and Residential sectors, SIG Building Solutions combines the powerhouse capabilities of SIG with a relationship-driven, solutions-focused dynamic.

A single-point communication solution, removes complexity for customers while increasing efficiency and adding value.

SIG Building Solutions offers a bespoke service, with decades of manufacturing experience and expertise, backed by the robust supply chain and extensive capabilities of a major PLC with 6,700 employees across 425 sites.





We have a full range of purlins, rails, eaves beams and mezzanine flooring beams available, plus all of the necessary fixings and accessories.

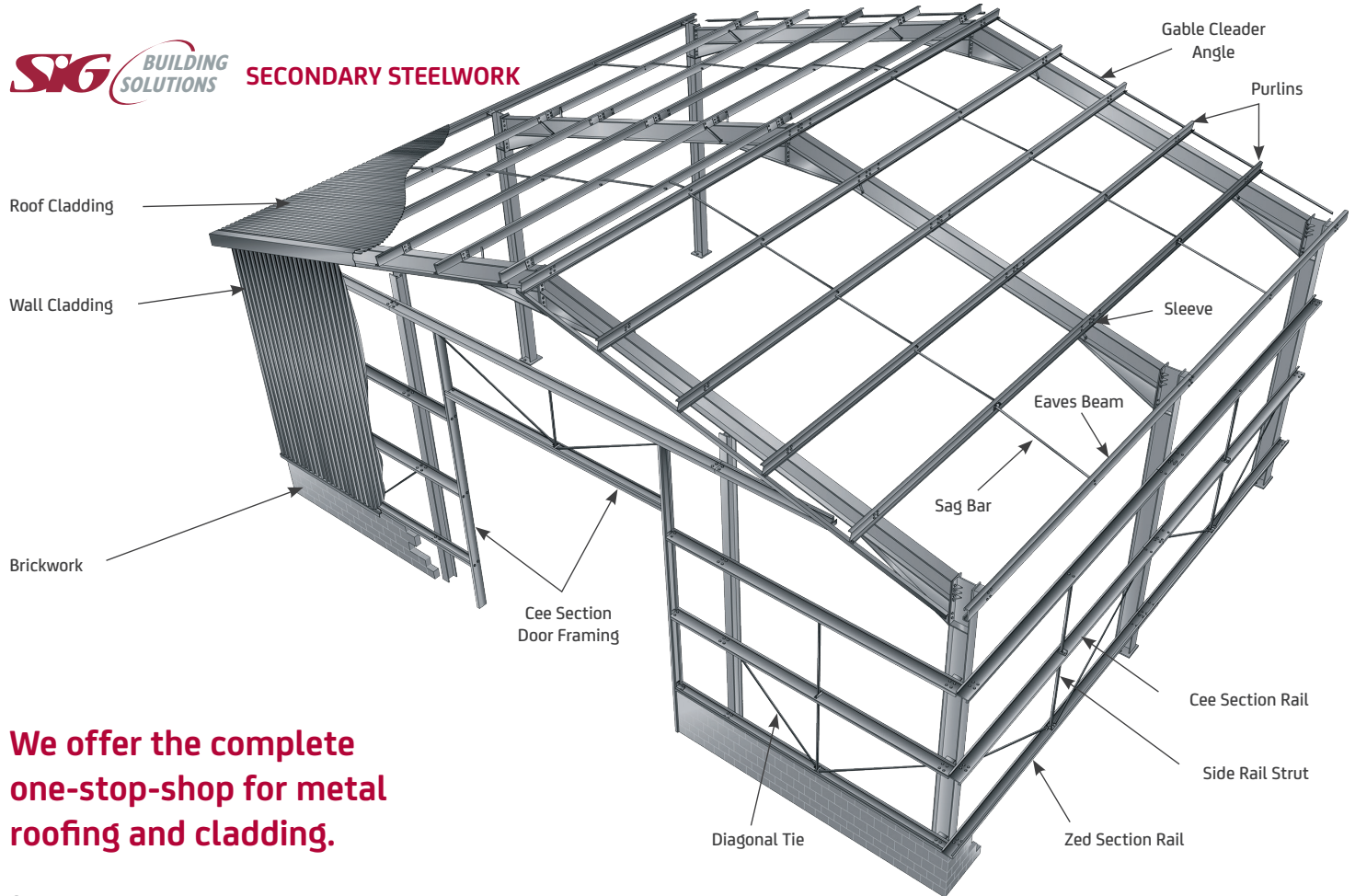
Our Zed section and Cee section range covers 140, 170, 200, 240 & 300mm deep sections which are available in a range of thicknesses.

We have two Eaves beam designs:

- Indented eaves beams - 200 & 240mm
- Flat backed eaves beam - 300mm

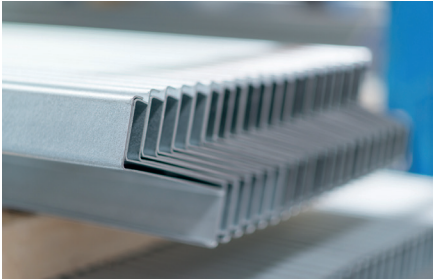
We realise that our standard range will not meet all requirements and therefore customer designed sections can be manufactured along with individual designs for special applications.

A separate brochure containing load tables for the Purlins, Rails & Eaves Beams is also available upon request.

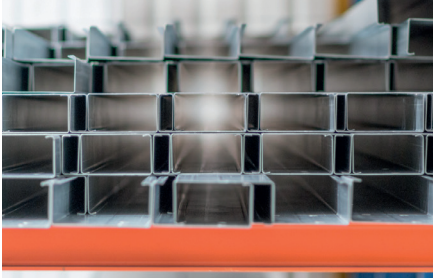


We offer the complete one-stop-shop for metal roofing and cladding.

Zed Sections



Cee Sections



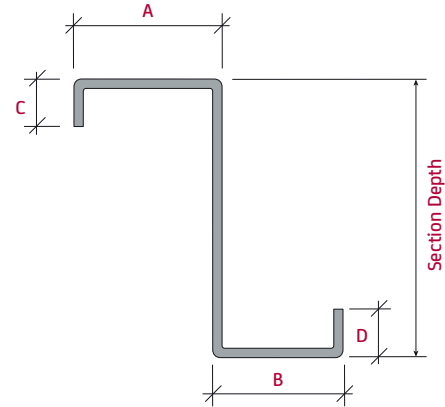
Eaves Beams



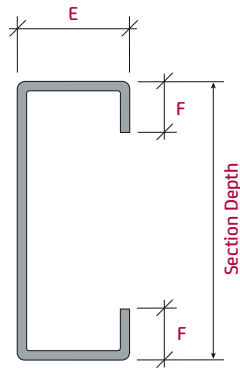
Roof Zed Purlin systems allow for a flexible efficient range of solutions to roofing supports for a wide variety of cladding types. Three structural systems are available, all of which allow for a flexible and efficient range of solutions to roofing supports for a wide variety of cladding types

We offer three structural systems:

- Sleeved
- Double-Span Sleeved
- Butted

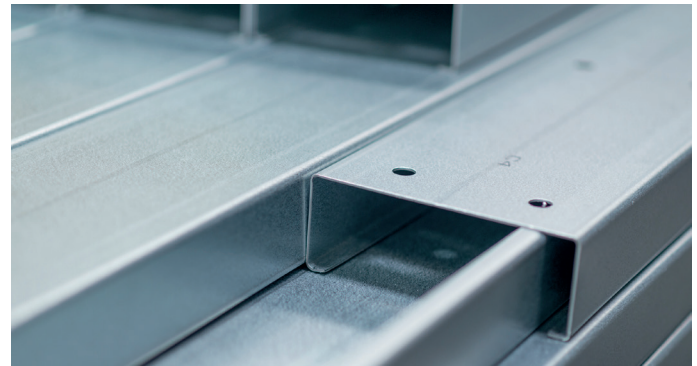


Section Depth	Zed's			
	A	B	C	D
140, 170	60	54	16	20
200	70	64	16	20
240	75	67	18	22
300	95	87	21	25



Sheeting rails may be selected as either Zed or Cee profile sections. Formed from the same coils, they are each available in the same depth and thickness range. Cees may be substituted for Zeds at window and door framing and at composite cladding joints, etc.

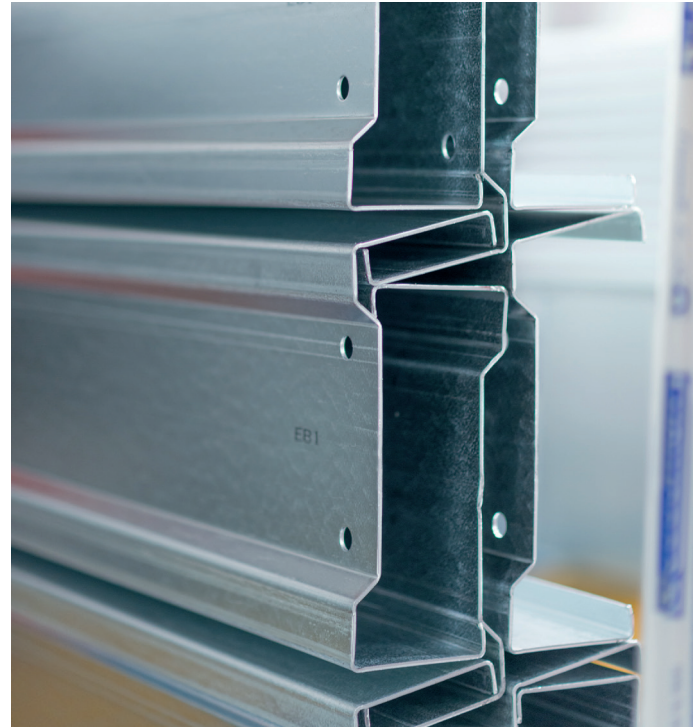
Section Depth	Cee's	
	E	F
140, 170	62	13
200	70	15
240	74	17
300	95	19

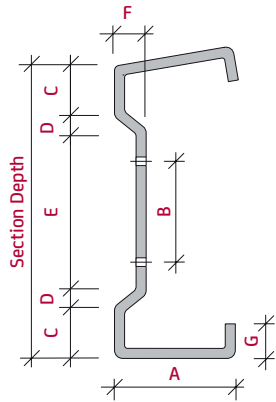


Three depths of eaves beams are available. Sections are available in 200mm and 240mm depth. A 300mm deep flat back eaves beam is available. Eaves beams are usually single spanning but the 200 and 240 series may be supplied as double-spanning up to a 5m span and the 300 series can be double-spanning up to a 7.5m span.

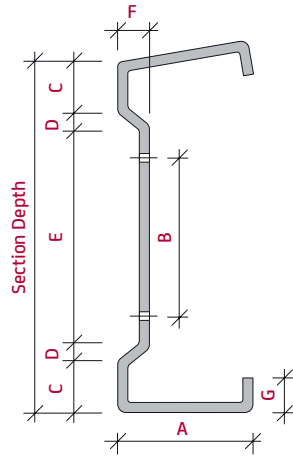
These sections are designed to BS EN 1993-1-3:2006 using a combination of rational analysis and component testing.

The products are manufactured from pre-galvanised S450 grade steel, with a minimum yield strength of 450N/mm².

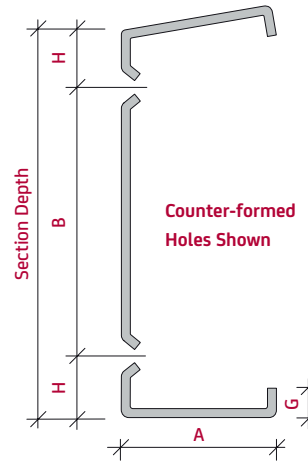




200 Eaves Beam Series

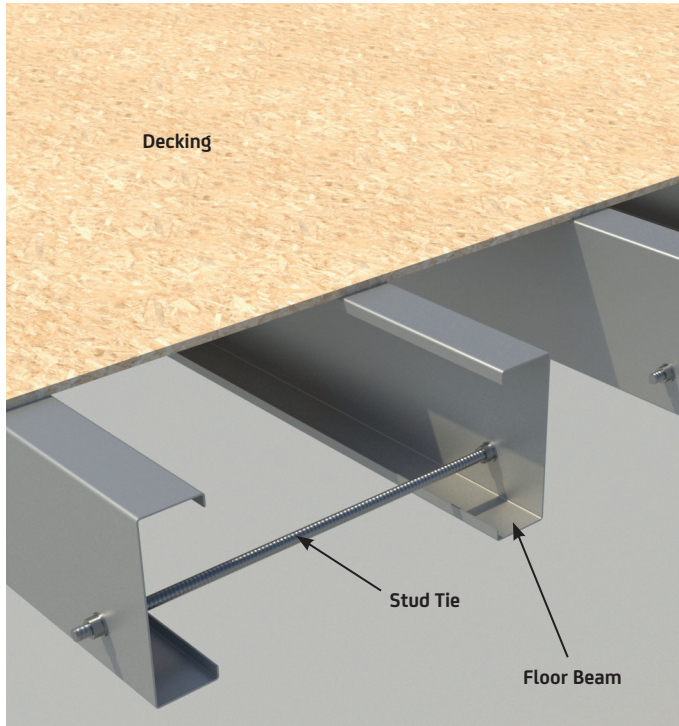


240 Eaves Beam Series



300 Eaves Beam Series

Section Depth	Eaves Beams							
	A	B	C	D	E	F	G	H
200	15	70	30	15	110	15	20	-
240	90	110	30	15	150	15	20	-
300	95	218	-	-	-	-	19	41



Our mezzanine flooring beams are Cee-sections manufactured from pre-galvanised S450 grade steel, with a minimum yield strength of 450N/mm².

The sections are designed to BS EN 1993-1-3:2006 using a combination of rational analysis and component testing. Mezzanine Sections are manufactured under a management system certified as meeting the requirements of ISO 9001:2015, which covers all aspects of our operations.

We have a full range of accessories to complement our mezzanine beams, including web and over-sail cleats and stud ties, along with design assistance and electronic detailing sheets.

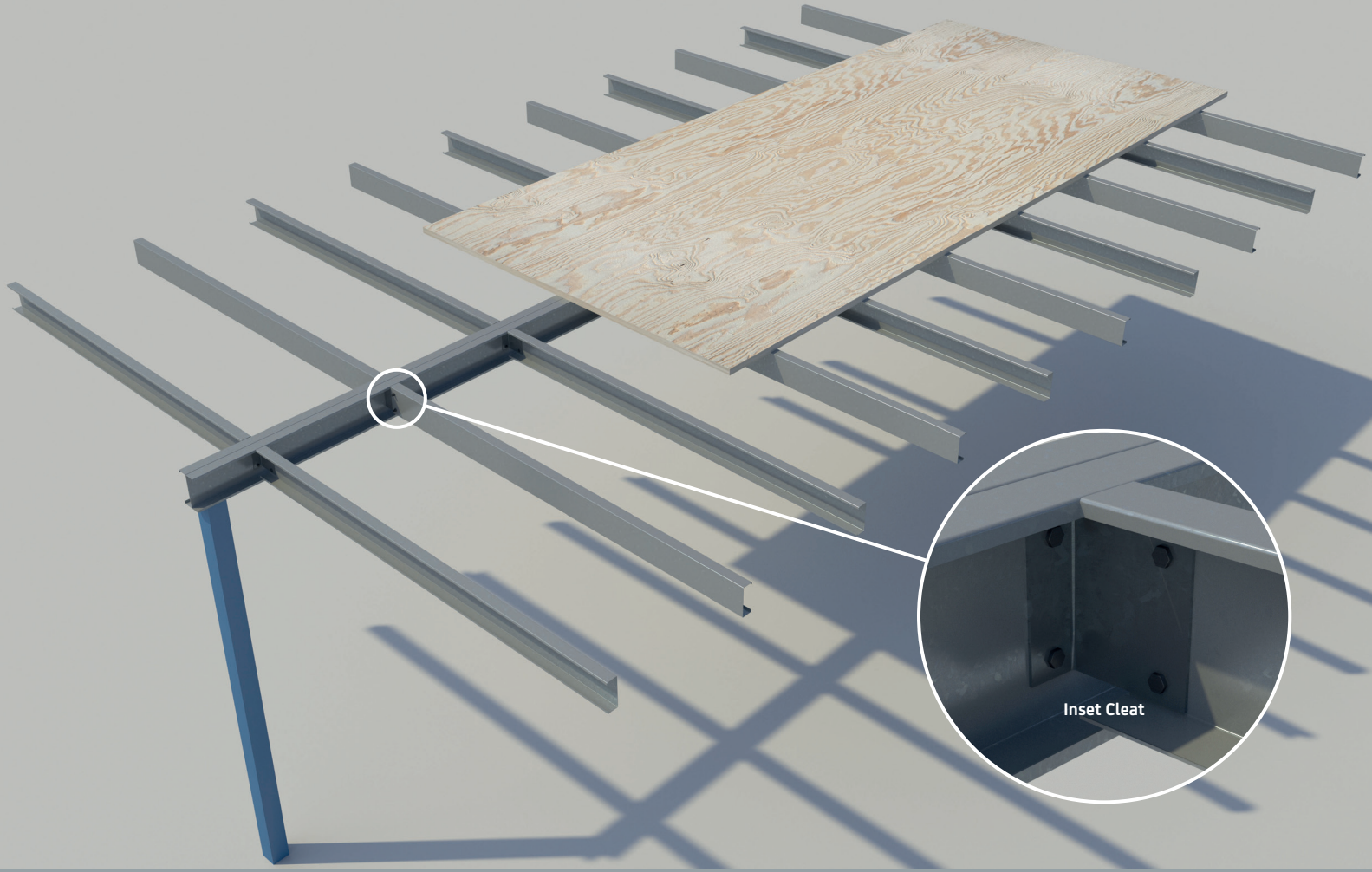
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