

# PURLINS & SECTIONS

ZED PURLINS · CEE SECTIONS & MEZZANINE BEAMS · EAVES BEAMS

- Zed section purlins
- Cee sections and Mezzanine beams
- Sigma/recessed Eaves beams sections

These purlins and sections are manufactured from light-gauge, pre-hot-dipped galvanized steel in accordance with BS EN 10346:2015, BS EN 1993-1-3 and BS EN 1090-1:2009+A1:2011 (up to exc 2), featuring a Z275 coating and achieving a minimum yield strength of 450N/mm<sup>2</sup>. These corrosion-resistant steel components are cold-roll-formed utilizing advanced multi-section roll forming technology and have a superior strength-to-weight ratio.

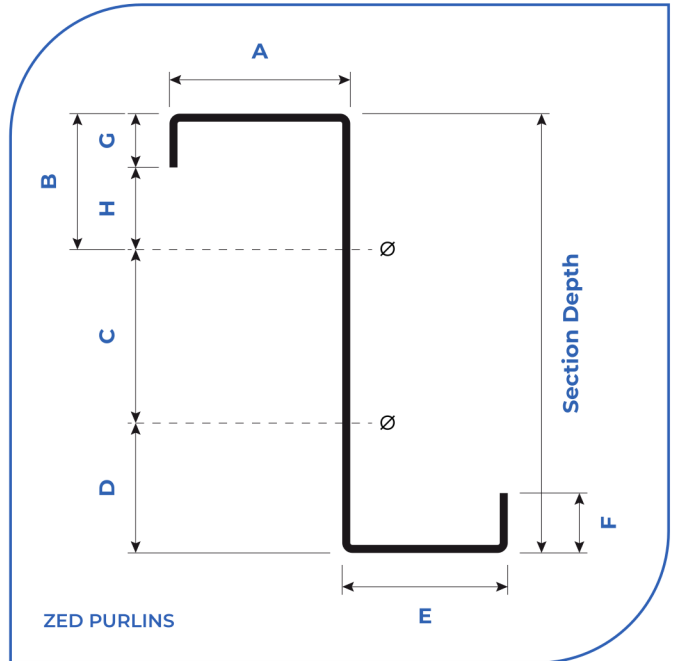
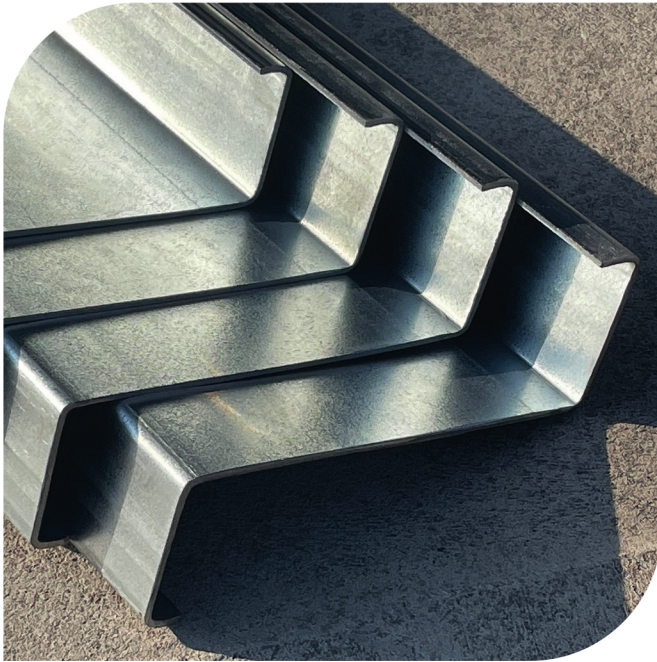


These purlins and sections have been assessed by the Steel Construction Institute.

Tailored to specific applications, these steel roof and wall purlins and sections are designed and manufactured to comply with the appropriate performance standards, including British Standards and Eurocodes, and are marked with the appropriate UKCA and CE certifications.

## ZED SECTION PURLINS

We offer a fully compatible range of steel Zed section purlins in depths ranging from 143mm to 203mm deep, in a thickness range of 1.6mm to 2mm, pre-punched with 14mm holes and cut to a maximum of 15m in length.



Section Depth (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
143*	58	44	57	42	53	19	17	27
173*	63	44	87	42	58	19	17	27
203*	63	44	117	42	58	19	17	27

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## CEE SECTIONS

These Cee section side rails are fully compatible with the Zed sections we offer and are therefore available in exactly the same range of section depths and thicknesses.

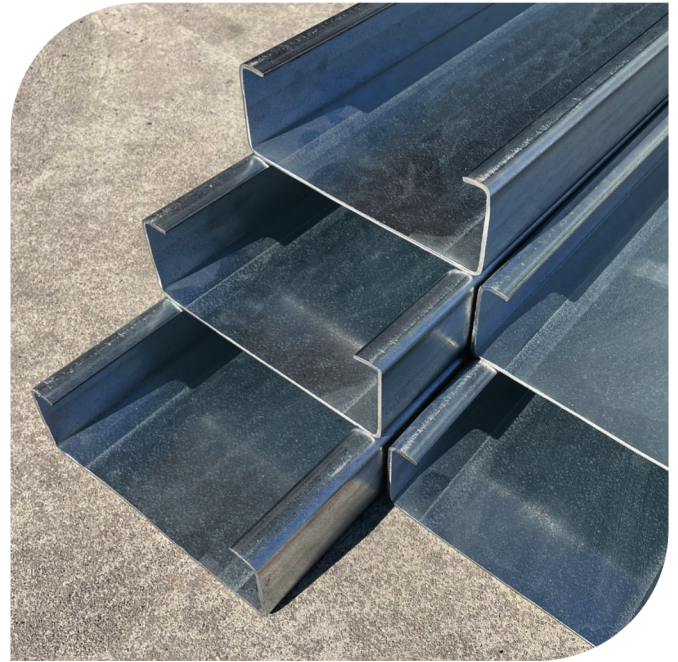
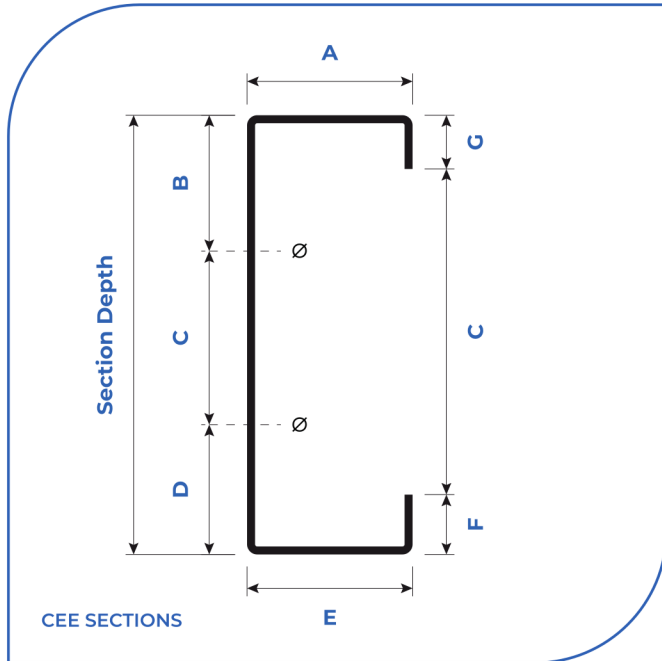
Cee sections and Zed sections are interchangeable for certain purposes such as door and window framing.

Available in depths ranging from 143mm to 203mm deep, in a thickness range of 1.6mm to 2mm, pre-punched with 14mm holes and cut to a maximum of 15m in length, suitable for the majority of roof and wall cladding purposes.

## MEZZANINE BEAMS

The strong and lightweight range of cold-roll-formed Cee sections are ideally suited for use as mezzanine flooring beams.

In the table below, the dimensions which differ between standard Cee sections and the Mezzanine beams are indicated in the red panel, these are the top hole (B), gauge line (C) and bottom hole (D).



Section Depth (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	B (mm)	C (mm)	D (mm)
143*	56	43	57	43	56	18	18	41	61	41
173*	61	43	87	43	61	18	18	51	71	51
203*	61	43	117	43	61	18	18	51	101	51

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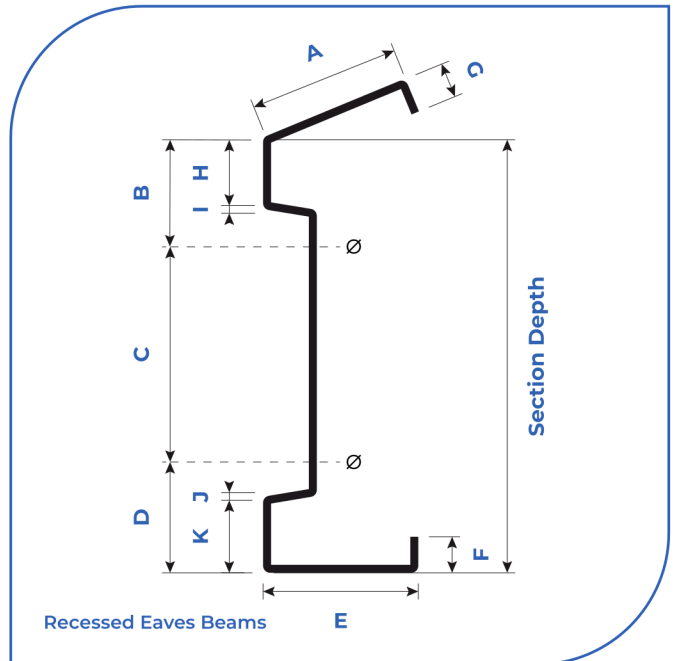
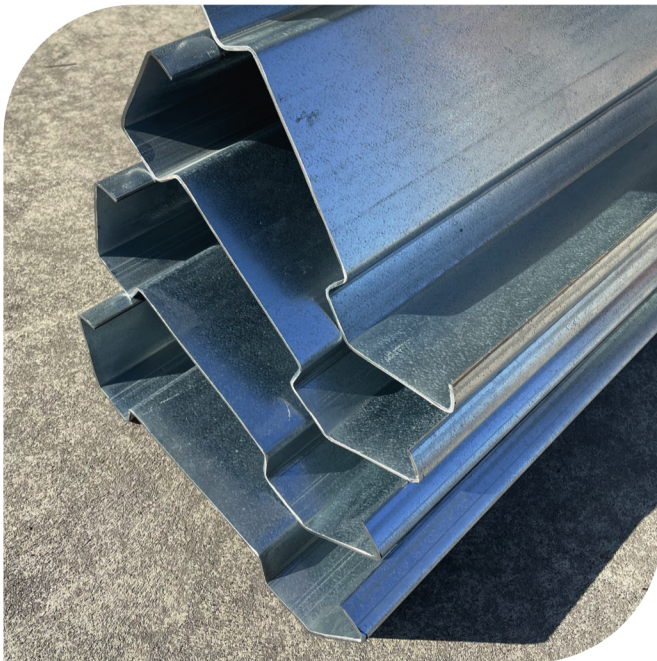
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## EAVES BEAMS

Sigma/Recessed Eaves beams are used in conjunction with purlins along the eaves of the structure of the building, with the top edge angled to the pitch of the roof.

Manufactured in a section depth of 201mm, in a thickness range of 1.6mm to 2mm, pre-punched and cut to a maximum of 15m in length.



Section Depth (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)
Recessed 201*	92	70	61	70	92	18/20	18/20	42	6	6	44