



**BRITISH  
STEEL**

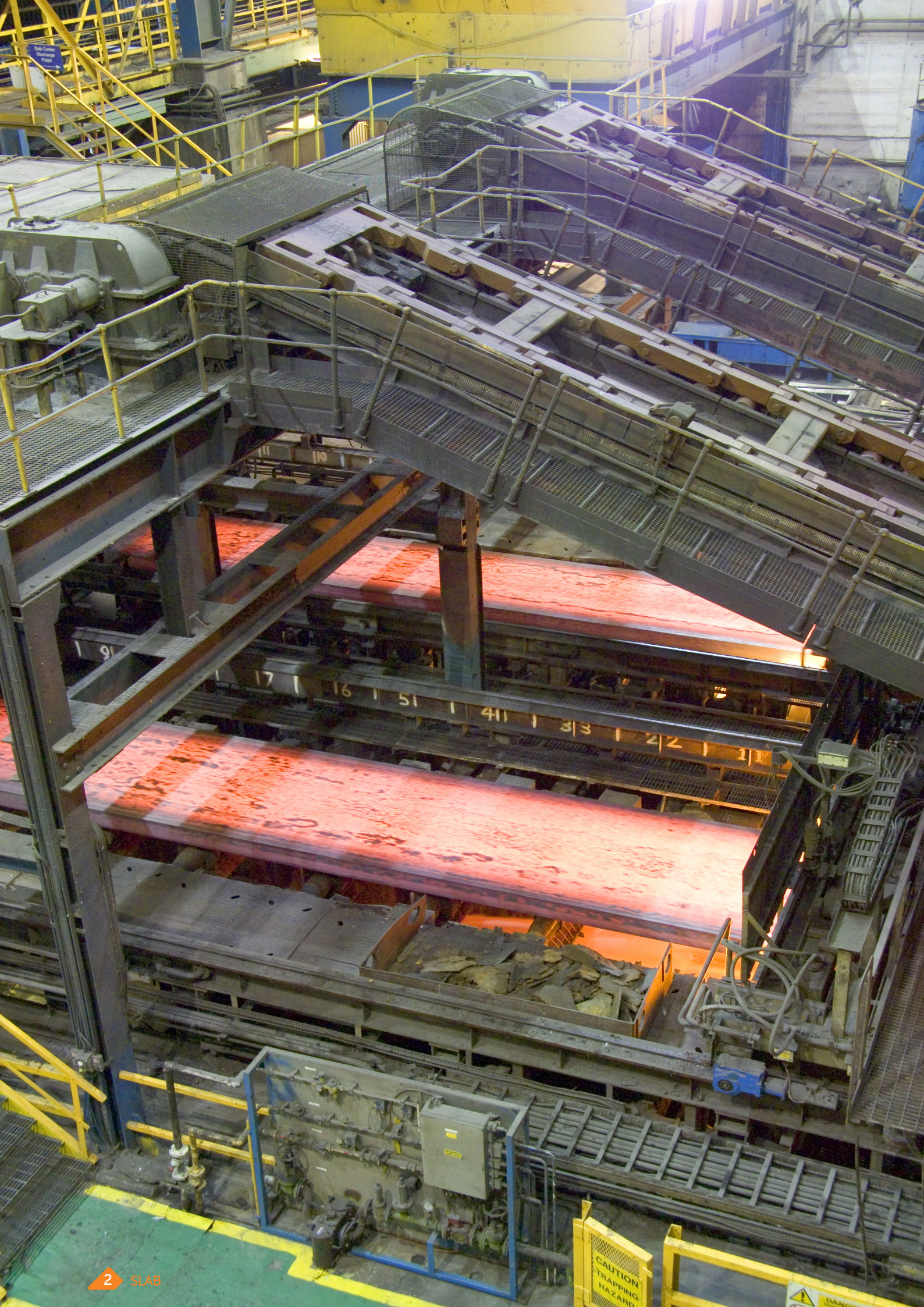


# Slab

Direct cast slabs for structural  
and general engineering products

**BUILDING STRONGER FUTURES**







# Introducing British Steel

British Steel is one of Europe's leading steel manufacturers, producing around 3 million tonnes of quality steel products every year. In addition to supplying a wide range of premium finished products around the world, we also produce a variety of semi-finished products to suit your specific rolling requirements.

Our steelworks have existed for around 150 years and we're excited about what we can collectively achieve to build a successful future for many years to come.



## Direct cast slab for structural and engineering products

**Our steel slabs are suitable for rolling to reversing mill plate, hot rolled coil and structural sections for a range of structural and general engineering applications.**

Our steel is produced through the basic oxygen steelmaking (BOS) process, and is then refined in a ladle arc furnace and vacuum degasser facilities.

These processes control the steel temperatures and chemistries extremely tightly, ensuring our wide range of steel grades meet the most demanding customer requirements.

Our slabs are continuously cast through a 2-strand slab caster – sequence casting is used and the steel is fully shrouded both between the ladle and the tundish and from the tundish to the mould. Hood cooling may also be used to remove hydrogen, depending on the hydrogen content and specification required.

### Quality assurance

Our long and successful history in steelmaking means you can be assured of receiving top quality slabs for your production lines.

British Steel is accredited to both ISO 9001:2015 for our quality management system and ISO 14001:2015 for our environmental management system. Our steelmaking and casting processes also hold ABS, BV, CCS, DNV, LRS and RINA shipbuilding accreditations.

In addition to verifying the chemical composition and segregation of our steel, we have well-equipped laboratories onsite where other tests can be conducted as required.

### Technical support from our specialists

Our team of experienced metallurgists provides dedicated technical support to our customers to ensure our products meet your exacting requirements.

### Slab identification

Our slabs are each identified with a unique cast number and slab number, ensuring full traceability. They can also be marked with the dimensions, grade and weight.



### Dimensions

| Width | Thickness |         |     |     |
|-------|-----------|---------|-----|-----|
|       | mm        |         | 225 | 298 |
|       |           | inches  | 9   | 12  |
|       | 800       | 31 1/2  |     |     |
|       | 1,095     | 43 1/8  |     |     |
|       | 1,270     | 50      |     |     |
|       | 1,425     | 56 1/8  |     |     |
|       | 1,525     | 60      |     |     |
|       | 1,540     | 60 5/8  |     |     |
|       | 1,605     | 63 3/16 |     |     |
|       | 1,820     | 71 2/3  |     |     |
|       | 1,970     | 77 9/16 |     |     |

| Dimensions       | Measurement |
|------------------|-------------|
| Length min       | 6,900mm     |
| Length max       | 10,500mm    |
| Piece weight max | 34.5t       |

### Documentation

Inspection certificates will be supplied for products being rolled in accordance with EN 10204, with the following elements being routinely analysed at cast level:

| Element                                                            | No. of reported digits after decimal point |
|--------------------------------------------------------------------|--------------------------------------------|
| C, Si, Mn                                                          | 2                                          |
| P, S, Al(t), V, Ti, Nb, Sn, Mo, Co, Ca, Cu, Ni, Cr, N <sub>2</sub> | 3                                          |
| B                                                                  | 4                                          |

### Bespoke slabs for your rolling needs

Our slabs can be tailored to best meet the attributes of your products and help you meet the appropriate national and international standards. Please contact us to discuss your requirements.

| Application                | Standard                                                |
|----------------------------|---------------------------------------------------------|
| Structural steel           | Suitable for rolling to EN 10025 e.g. S235, S275, S355  |
| Structural steel           | Suitable for rolling to ASTM e.g. A36, A992, A572 gr 50 |
| Low carbon hot rolled coil | Suitable for rolling to EN 10111                        |

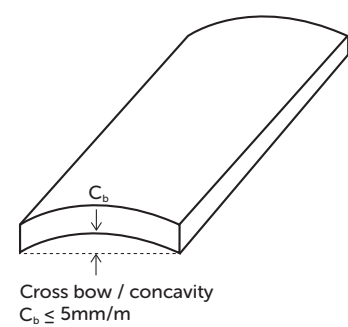
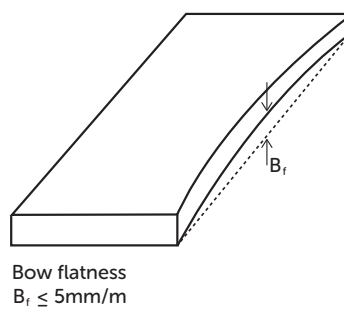
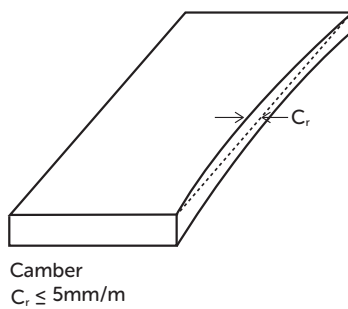
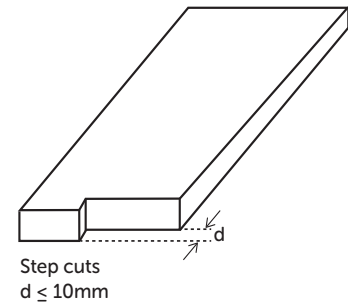
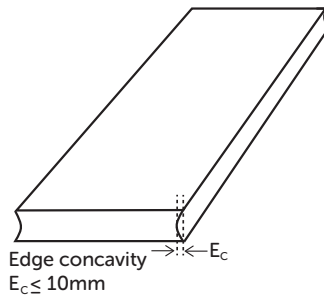
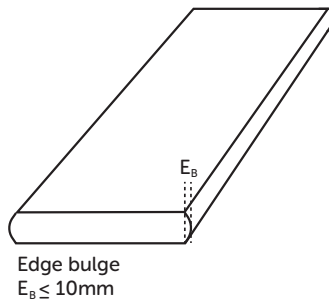
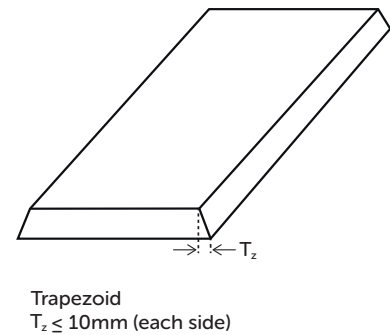
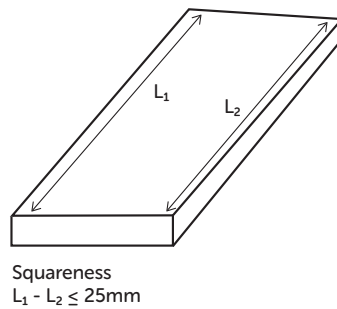
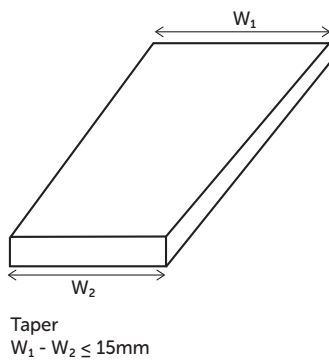
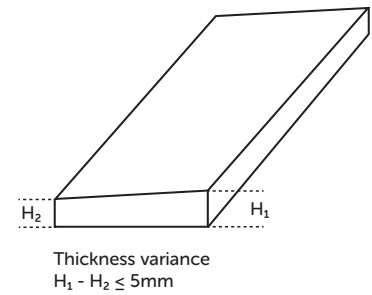
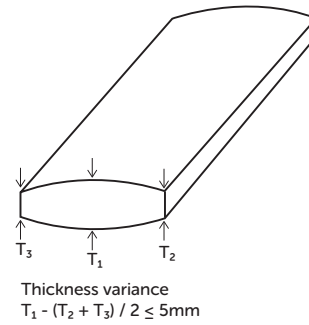


## Tolerances

| Tolerance | Measurement (all section sizes)                  |
|-----------|--------------------------------------------------|
| Thickness | + / - 5mm                                        |
| Width     | + / - 20mm<br>(last in sequence + 20mm / - 45mm) |
| Length*   | + / - 100mm                                      |

### Notes:

\*Shorts allowance up to 3 pieces per strand per sequence.



## Quantity

Nominal order in 280 metric tonne multiples. Overall order quantity + / - 10%.



**BRITISH  
STEEL**

**BRITISHSTEEL.CO.UK**

A | PO Box 1, Brigg Road, Scunthorpe, DN16 1BP, United Kingdom  
T | +44 (0)1724 404040 E | [semisales@britishsteel.co.uk](mailto:semisales@britishsteel.co.uk)

Care has been taken to ensure that the contents of this publication are accurate, but British Steel Limited and its subsidiaries and associated undertakings (having the meaning set out in the Companies Act 2006) do not accept responsibility or liability for errors or information that is found to be misleading.

Copyright British Steel 2026

British Steel Limited is registered in England under number 17312541 with registered office at Administration Building, Brigg Road, Scunthorpe, DN16 1XA.

**BUILDING STRONGER FUTURES**

SFS.ENG.072026