

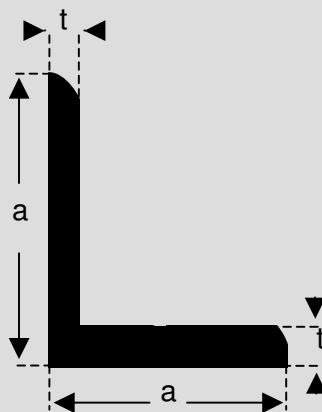
# Special Profiles

## Angles



Corus Special Profiles is a business unit within the Corus group. We specialise in the manufacture of hot rolled, special shaped steel profiles for a range of industries around the world.

We offer a range of large equal angle sections which are used in the manufacture of transmission tower legs. Two different leg lengths are available as shown below. The 200 x 200mm sections are a range of special thick gauge sections which complement the standard range of thinner gauges (less than 30mm), which are available from Corus Construction and Industrial at Scunthorpe.



Leg length a (mm)	Gauge t (mm)	Kg/mtr
250 x 250	24	89.9
250 x 250	25	93.5
250 x 250	26	97.1
250 x 250	28	104.0
250 x 250	32	117.8
250 x 250	35	128.0

Leg length a (mm)	Gauge t (mm)	Kg/mtr
200 x 200	30	88.1
200 x 200	32	93.7
200 x 200	34	99.4

## CE marking :

Our range of angles are CE marked to demonstrate compliance with the EU Directive on Construction Products (CPD 89/106/EEC). The CE mark is displayed on inspection certificates, along with the licence number of the third party inspectorate (Lloyd's) and our approval certificate number (0038/CPD/20050001/A). These features help to improve traceability of the product for customers.

## Dimensional tolerances : to BS EN 10056-2 : 1993

Leg length (a) : + 6.0mm / - 4.0mm

Thickness (t) : +/- 1.2mm

Straightness : maximum deviation 1mm/m

## Lengths :

From 6 to 15 metres hot sawn, with a cutting tolerance of +100mm/-0.

## Bundling, marking & labelling :

Each bar is hard stamped to show cast/heat number. Bar ends can be colour coded according to customer requirements. Each bundle will have a label showing full order details. Maximum bundle weight is 4.5 tonnes

## Standard steel grades :

Two standard steel specifications are available for all sizes and gauges :

EN 10025 : 2004 S355JO

EN 10025 : 2004 S355J2

Other steel specifications are available on request.



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**we don't generalise  
we specialise**

